Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
Data File : BE093420.D
Acq On : 3 Jul 2017 9:18
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Jul 03 15:04:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 3399 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.72 | 136 | 15484 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 8712 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.27 | 188 | 26093 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.43 | 240 | 35422 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.94 | 264 | 30309 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.53 | 112 | 3831 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 7.10 | 99 | 5492 | 0.36 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.08 | 82 | 3770 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.31 | 152 | 9237 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 812 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.18 | 172 | 13737 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.29 | 212 | 121855 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.87 | 244 | 23387 | 0.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 2693 | 0.37 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.76 | 42 | 1301 | 0.37 | ng | | 86 |
| 6) bis(2-Chloroethyl)ether | 7.36 | 93 | 4322 | 0.38 | ng | # | 96 |
| 9) Naphthalene | 10.77 | 128 | 63577 | 0.39 | ng | # | 73 |
| 10) Hexachlorobutadiene | 11.08 | 225 | 2373 | 0.39 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.38 | 142 | 10156 | 0.37 | ng | | 95 |
| 16) Acenaphthylene | 14.26 | 152 | 13242 | 0.36 | ng | # | 88 |
| 17) Acenaphthene | 14.60 | 154 | 10157 | 0.38 | ng | | 99 |
| 18) Fluorene | 15.59 | 166 | 13835 | 0.38 | ng | # | 86 |
| 20) 4-Bromophenyl-phenylether | 16.45 | 248 | 5494 | 0.38 | ng | # | 23 |
| 21) Hexachlorobenzene | 16.58 | 284 | 5697 | 0.37 | ng | # | 100 |
| 22) Pentachlorophenol | 16.91 | 266 | 598 | 0.29 | ng | # | 81 |
| 23) Phenanthrene | 17.30 | 178 | 36006 | 0.38 | ng | | 99 |
| 24) Anthracene | 17.30 | 178 | 36916 | 0.63 | ng | | 99 |
| 26) Fluoranthene | 19.32 | 202 | 34823 | 0.39 | ng | | 98 |
| 28) Pyrene | 19.67 | 202 | 36022 | 0.36 | ng | # | 100 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 36193 | 0.38 | ng | | 93 |
| 31) Chrysene | 21.46 | 228 | 38699 | 0.39 | ng | | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 46067 | 0.33 | ng | # | 66 |
| 33) Indeno(1,2,3-cd)pyrene | 26.58 | 276 | 37094 | 0.42 | ng | | 95 |
| 35) Benzo(b)fluoranthene | 23.16 | 252 | 36739 | 0.38 | ng | # | 96 |
| 36) Benzo(k)fluoranthene | 23.16 | 252 | 36758 | 0.38 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.82 | 252 | 32298 | 0.38 | ng | | 95 |
| 38) Dibenzo(a,h)anthracene | 26.60 | 278 | 33128 | 0.40 | ng | # | 92 |
| 39) Benzo(g,h,i)perylene | 27.40 | 276 | 33354 | 0.40 | ng | | 92 |

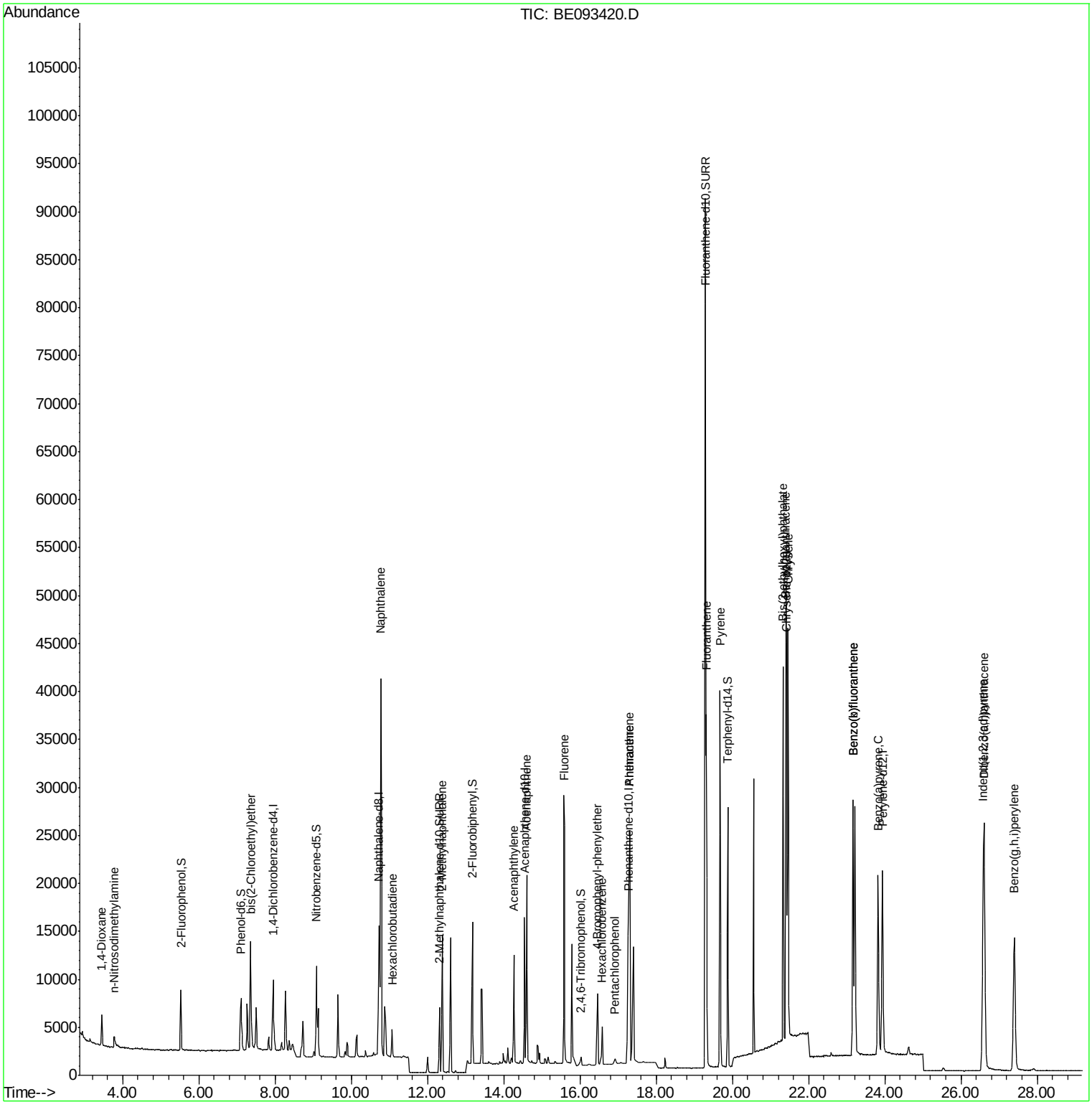
(#) = qualifier out of range (m) = manual integration (+) = signals summed

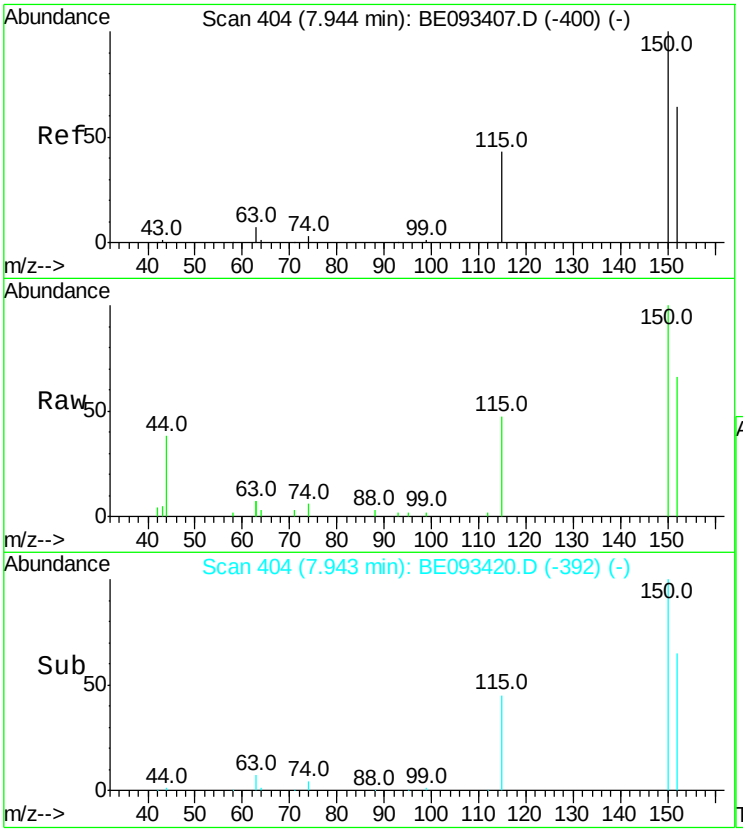
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070317\
Data File : BE093420.D
Acq On : 3 Jul 2017 9:18
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Jul 03 15:04:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



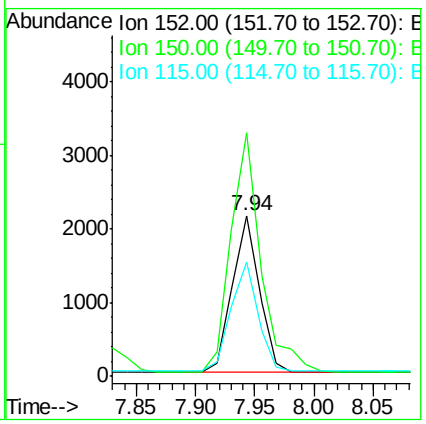


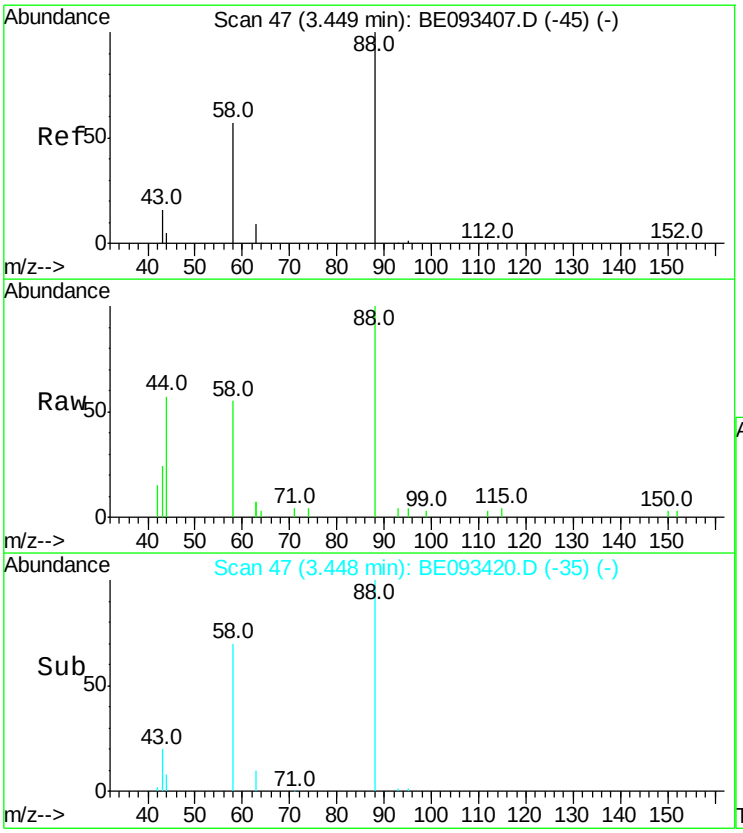

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 3399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.2 | 125.1 | 187.7 |
| 115 | 70.8 | 55.7 | 83.5 |

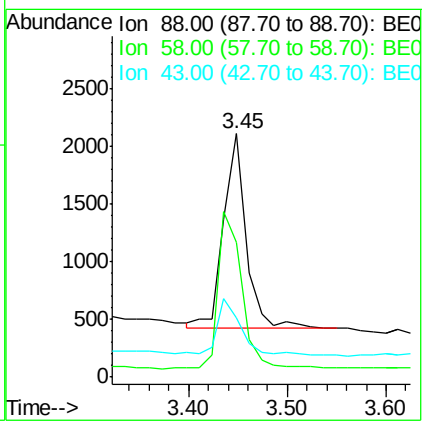


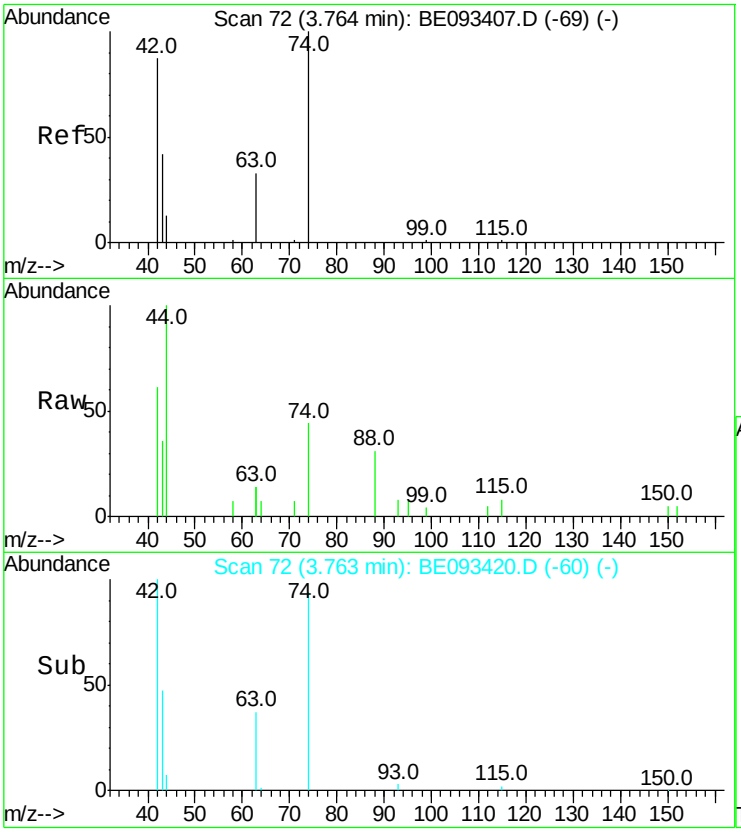




#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion: 88 Resp: 2693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.2 | 62.2 | 93.4 |
| 43 | 30.4 | 23.2 | 34.8 |



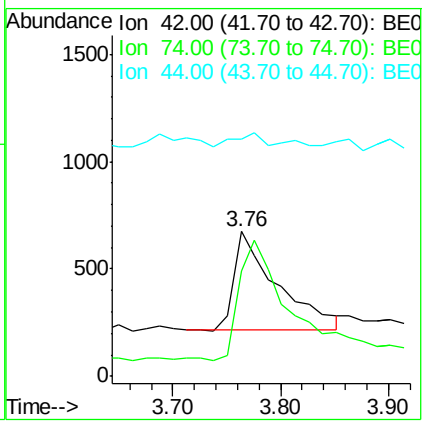


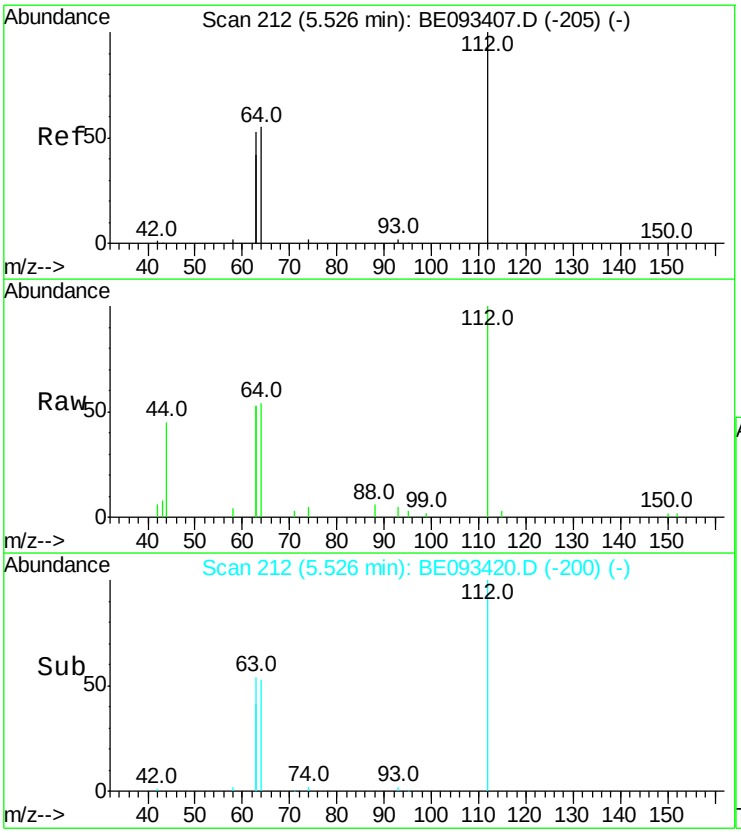

#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 42 Resp: 1301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.4 | 99.1 | 148.7 |
| 44 | 9.3 | 7.4 | 11.2 |

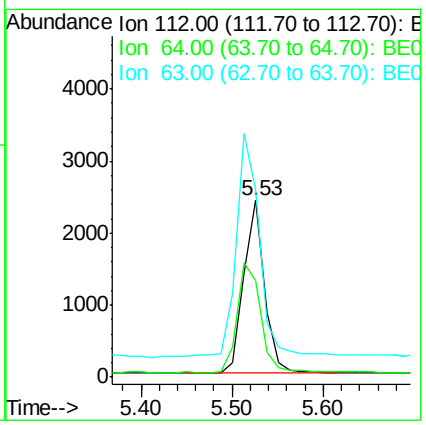


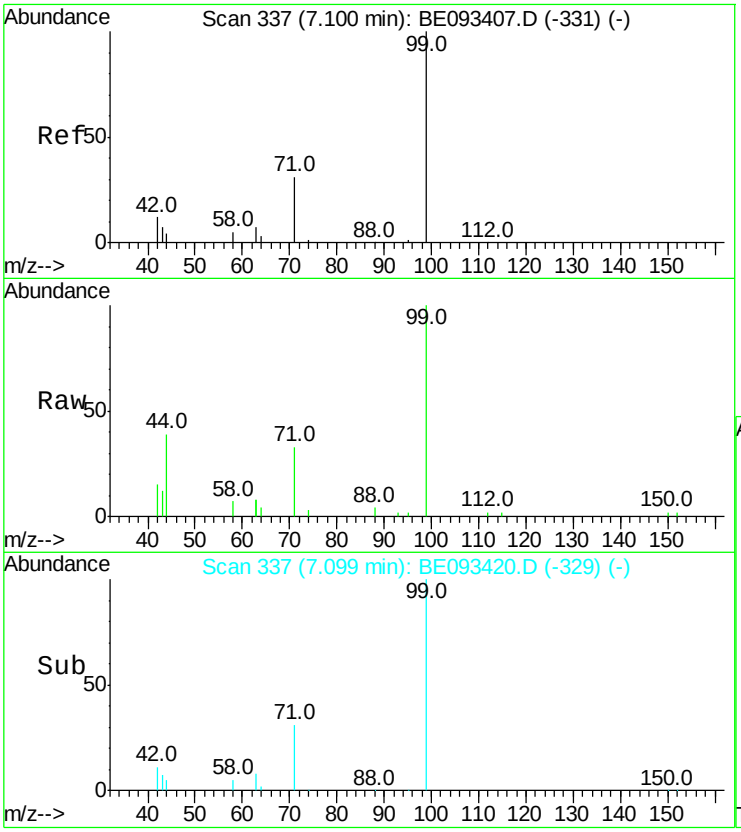




#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:112 Resp: 3831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.4 | 56.4 | 84.6 |
| 63 | 143.1 | 29.3 | 43.9# |



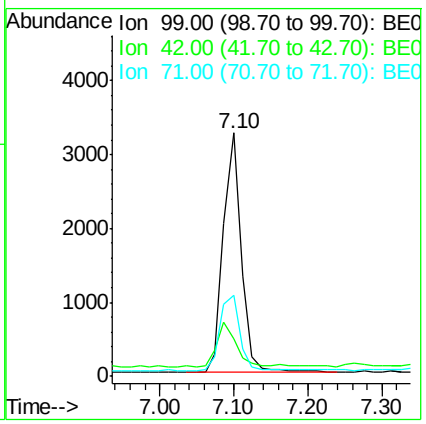


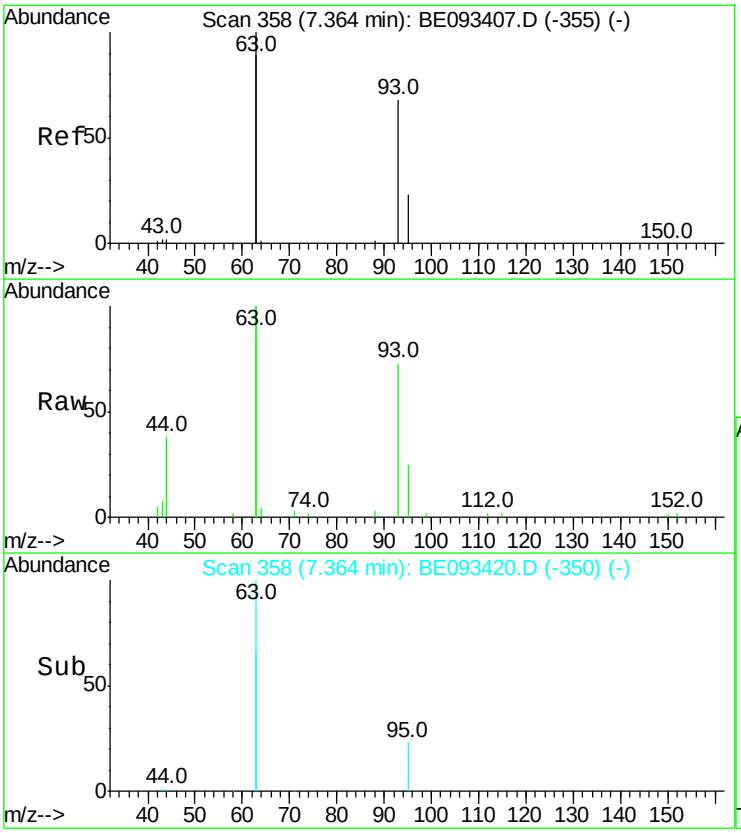

#5
Phenol-d6
Concen: 0.36 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion: 99 Resp: 5492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.2 | 0.0 | 0.0# |
| 71 | 35.0 | 0.0 | 0.0# |

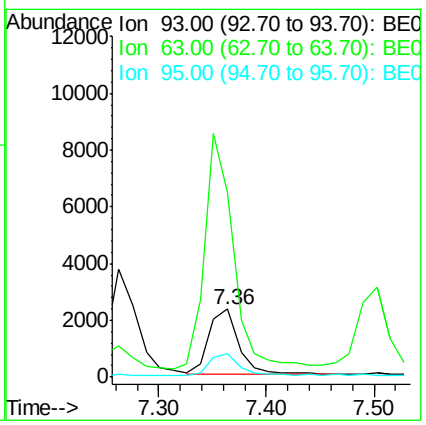


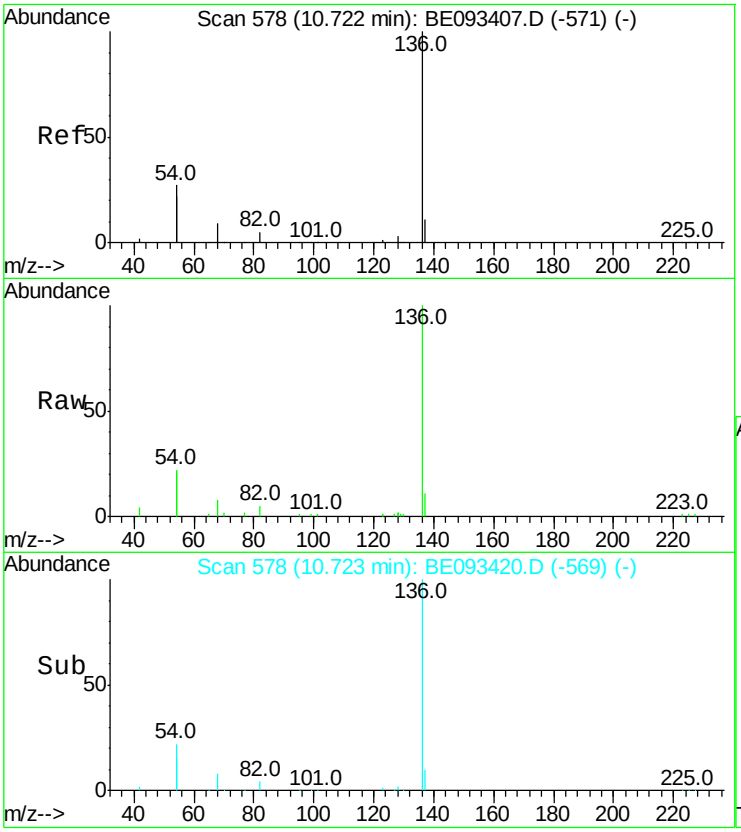




#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.36 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion: 93 Resp: 4322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 352.1 | 0.0 | 0.0# |
| 95 | 33.8 | 25.4 | 38.0 |



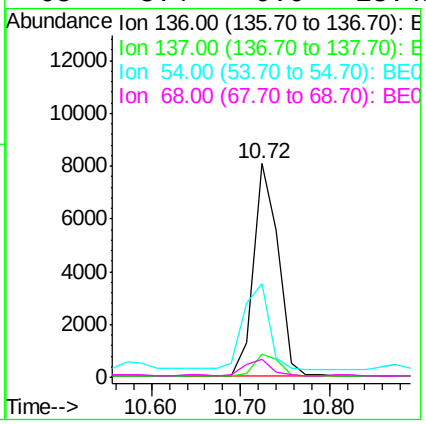


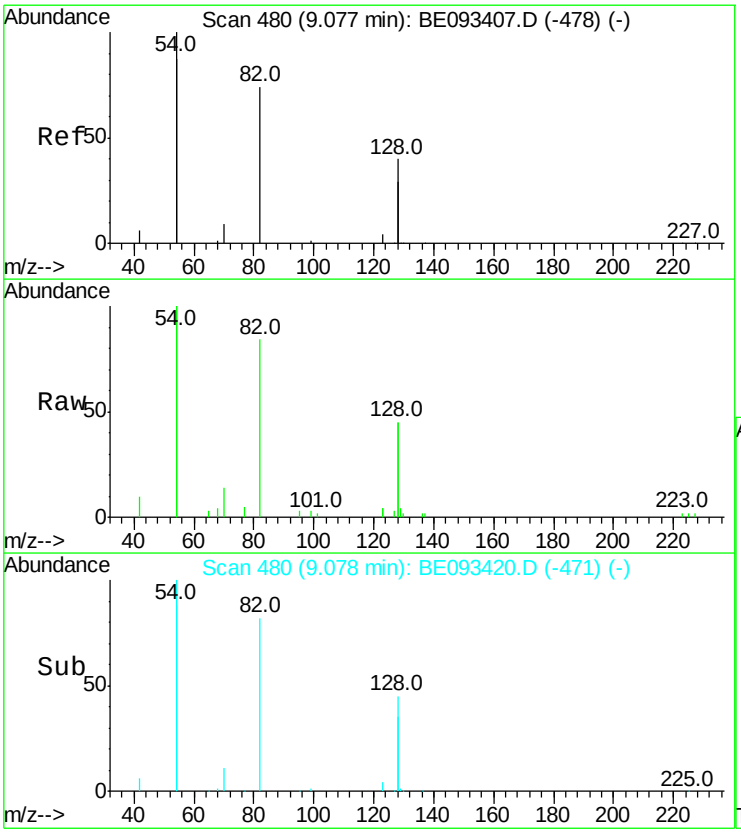

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:136 Resp: 15484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.8 | 14.8 |
| 54 | 43.8 | 10.3 | 15.5# |
| 68 | 8.4 | 9.0 | 13.4# |

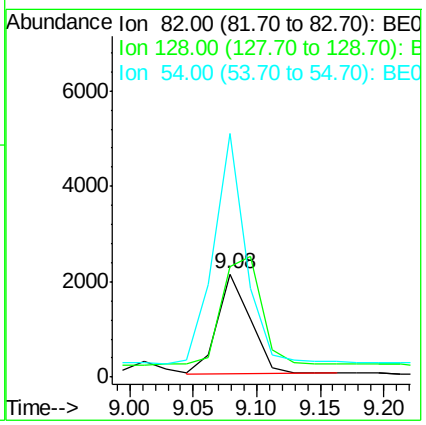


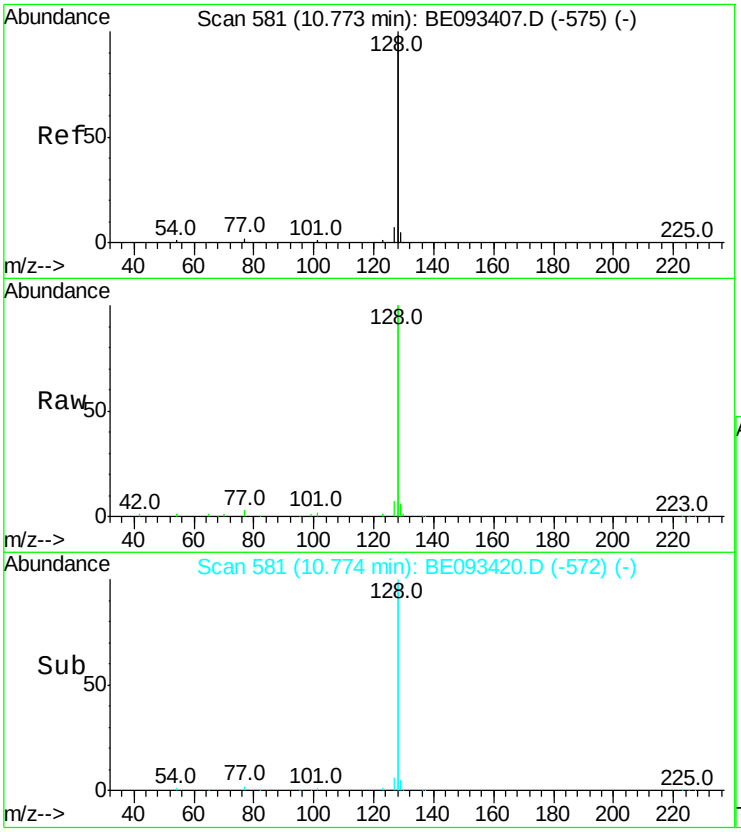




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion: 82 Resp: 3770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 107.0 | 17.0 | 25.4# |
| 54 | 236.8 | 53.8 | 80.6# |



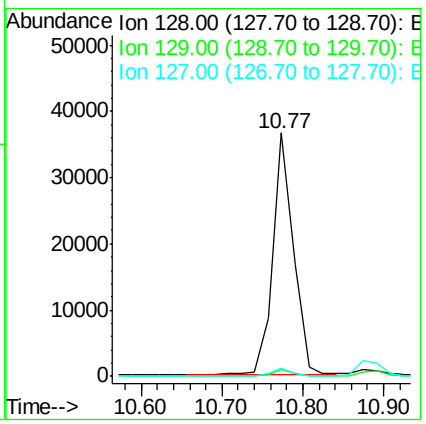


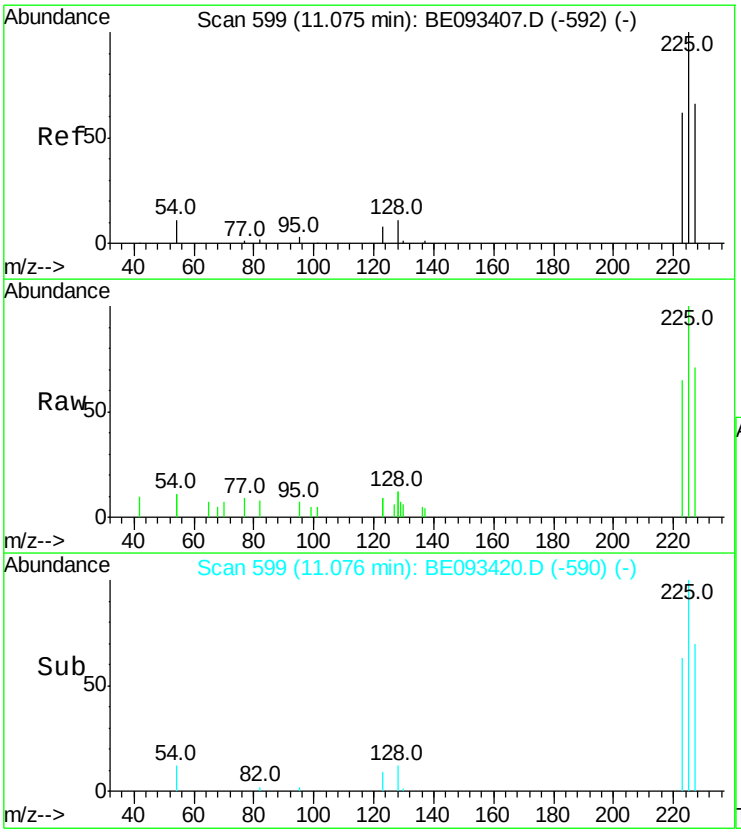

#9
Naphthalene
Concen: 0.39 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:128 Resp: 63577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 2.8 | 11.4 | 17.0# |
| 127 | 3.4 | 11.2 | 16.8# |

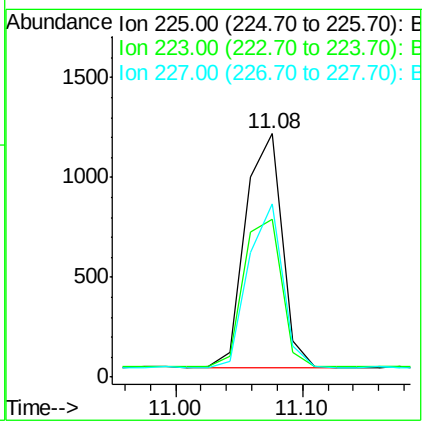


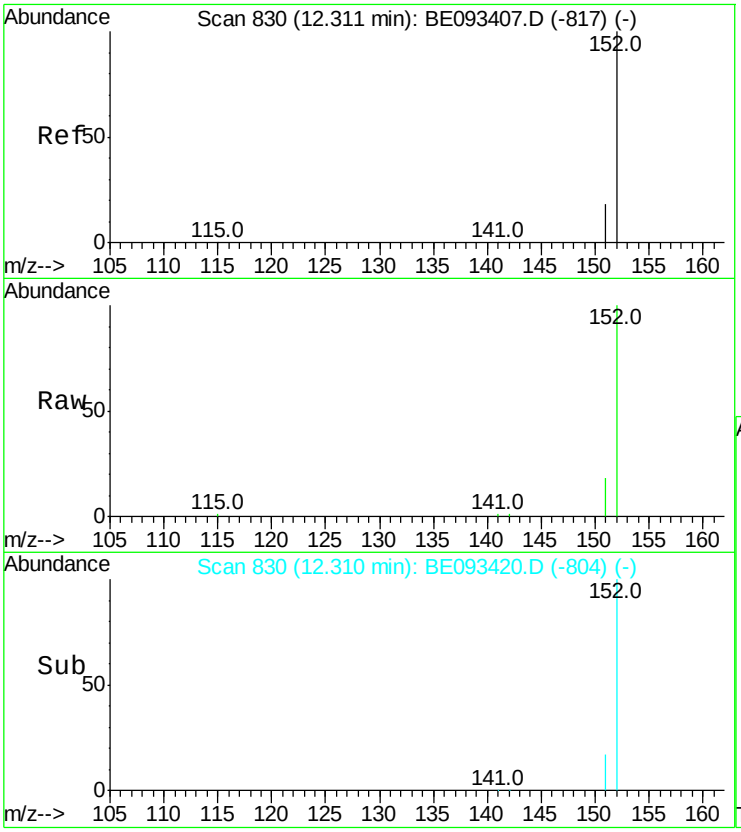




#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.08 min Scan# 599
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:225 Resp: 2373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.9 | 49.7 | 74.5 |
| 227 | 66.0 | 50.3 | 75.5 |



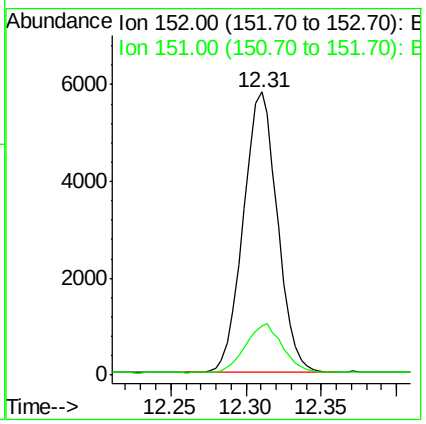


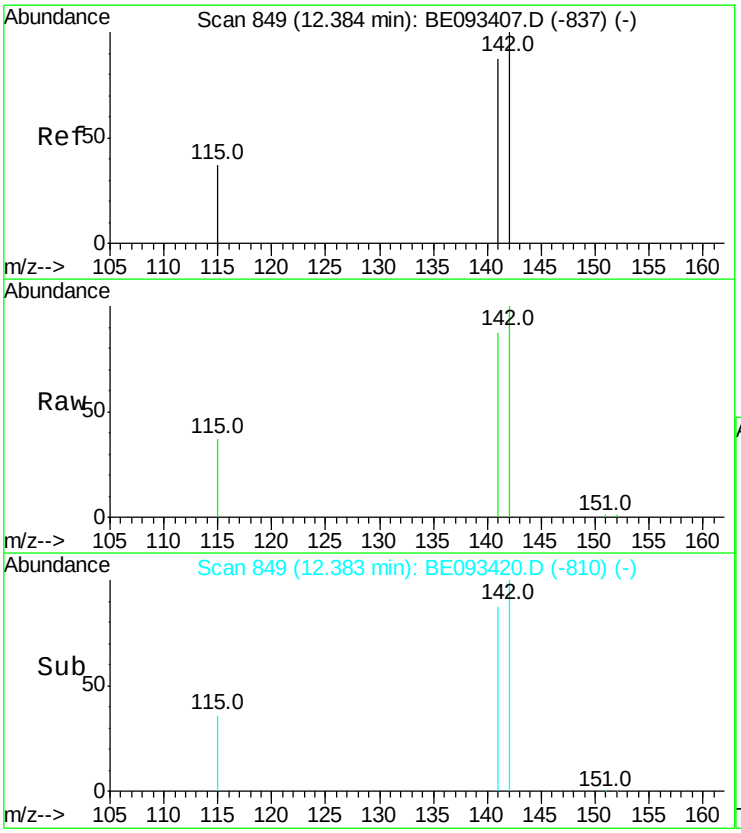

#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.31 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 9237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 15.1 | 22.7 |

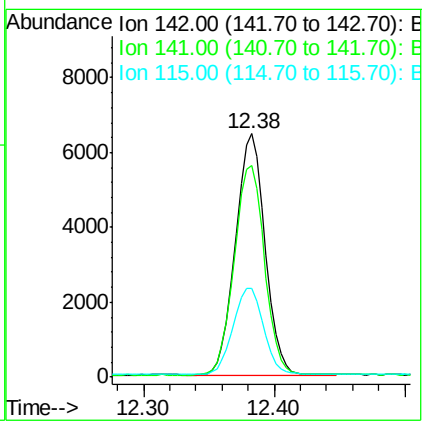


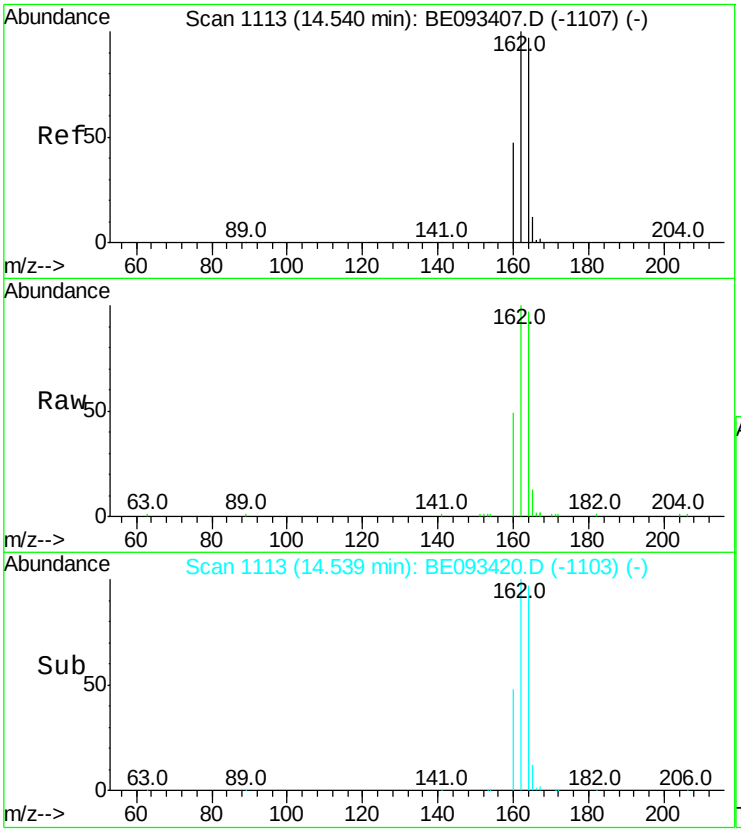




#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.38 min Scan# 849
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:142 Resp: 10156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 72.6 | 108.8 |
| 115 | 36.6 | 32.2 | 48.2 |



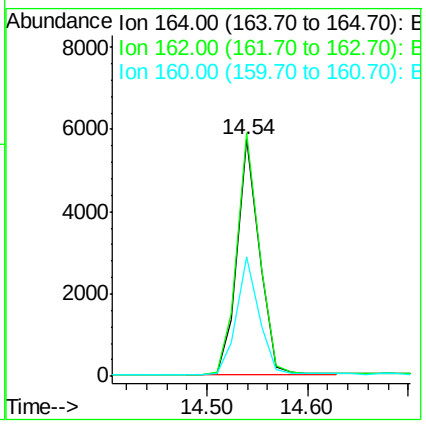


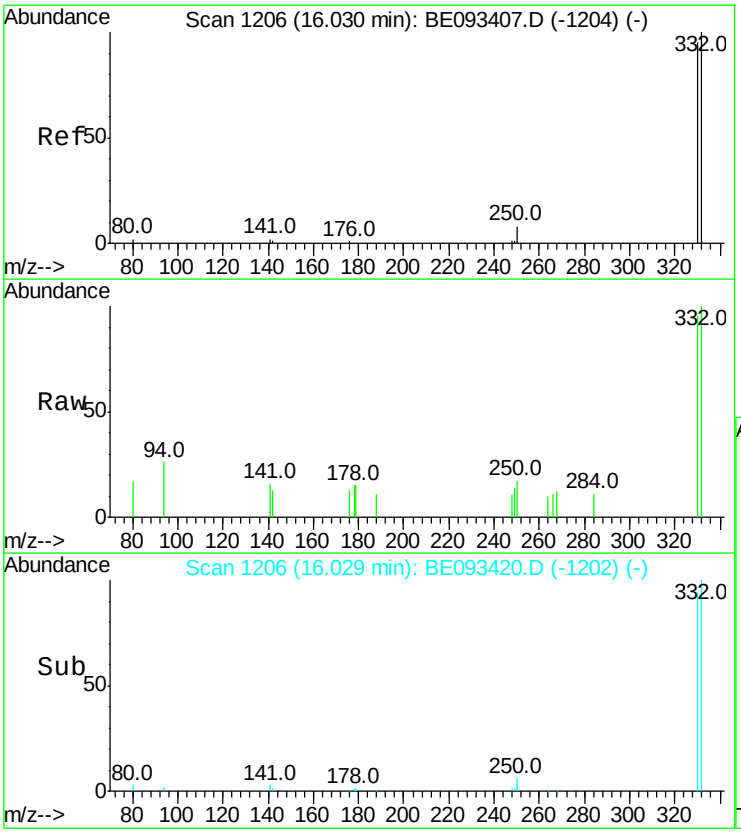

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:164 Resp: 8712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 84.6 | 127.0 |
| 160 | 50.2 | 41.8 | 62.6 |

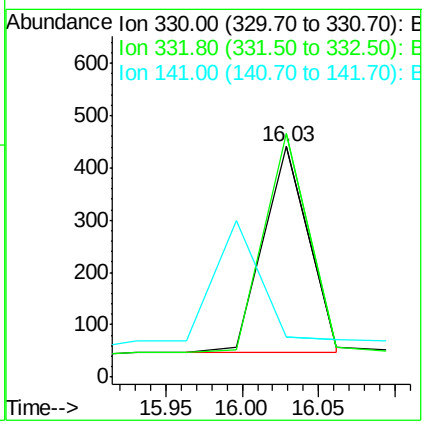


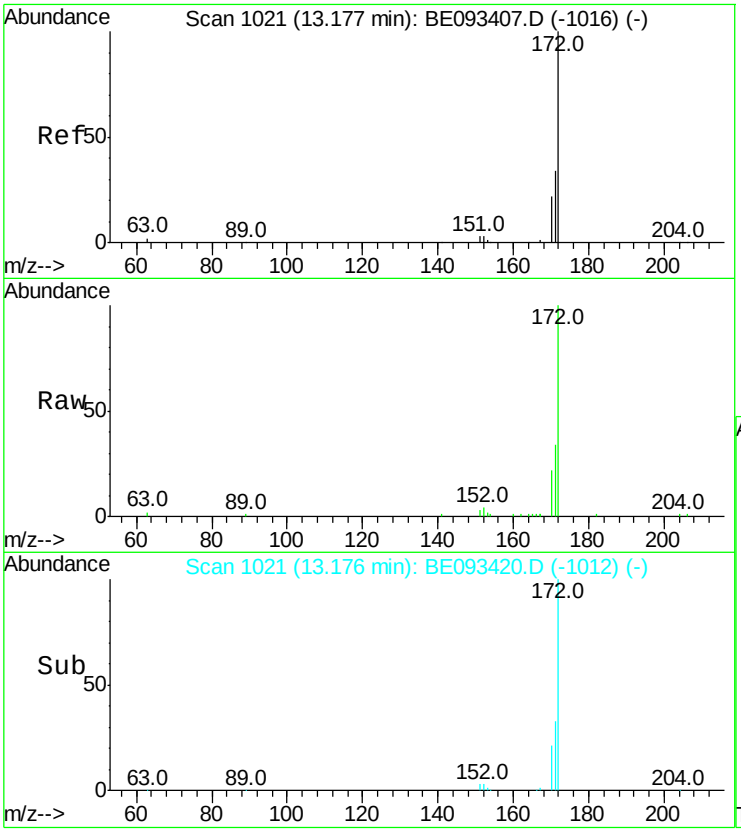




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:330 Resp: 812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 105.0 | 77.7 | 116.5 |
| 141 | 0.0 | 56.2 | 84.4# |



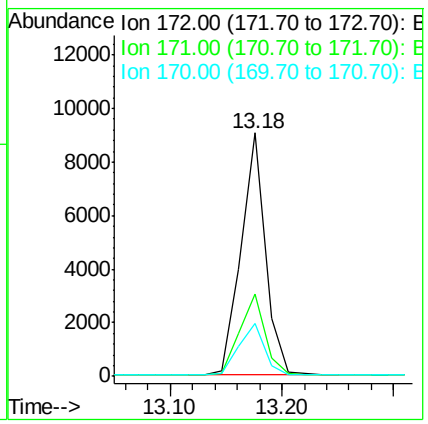


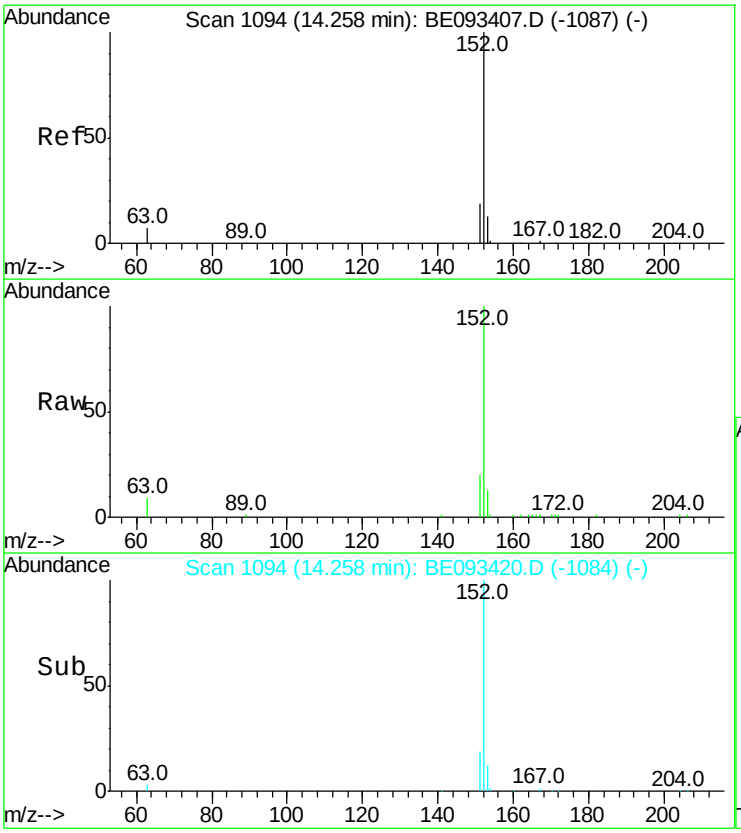

#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:172 Resp: 13737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 29.8 | 44.6 |
| 170 | 21.6 | 20.7 | 31.1 |

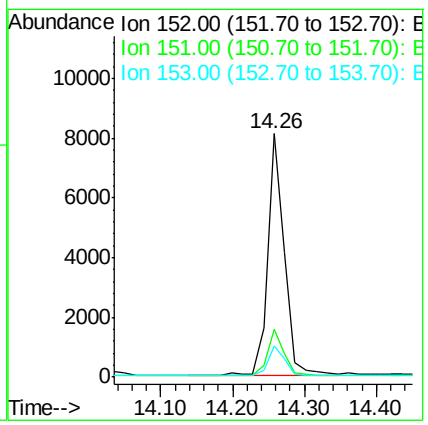


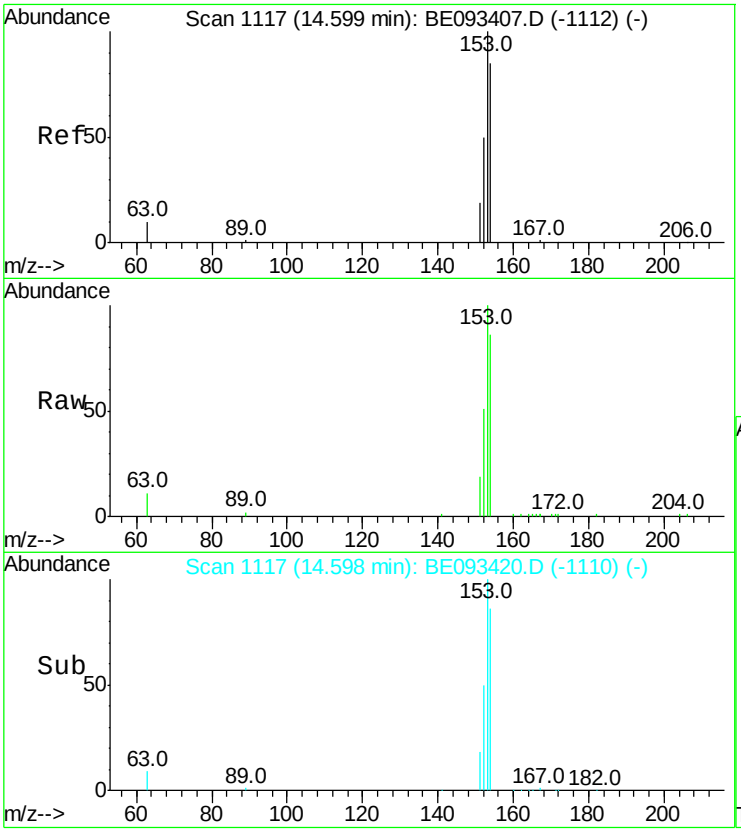




#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:152 Resp: 13242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.9 | 4.0 | 6.0# |
| 153 | 12.6 | 10.3 | 15.5 |



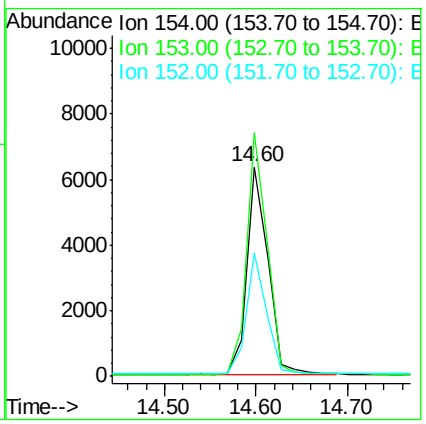


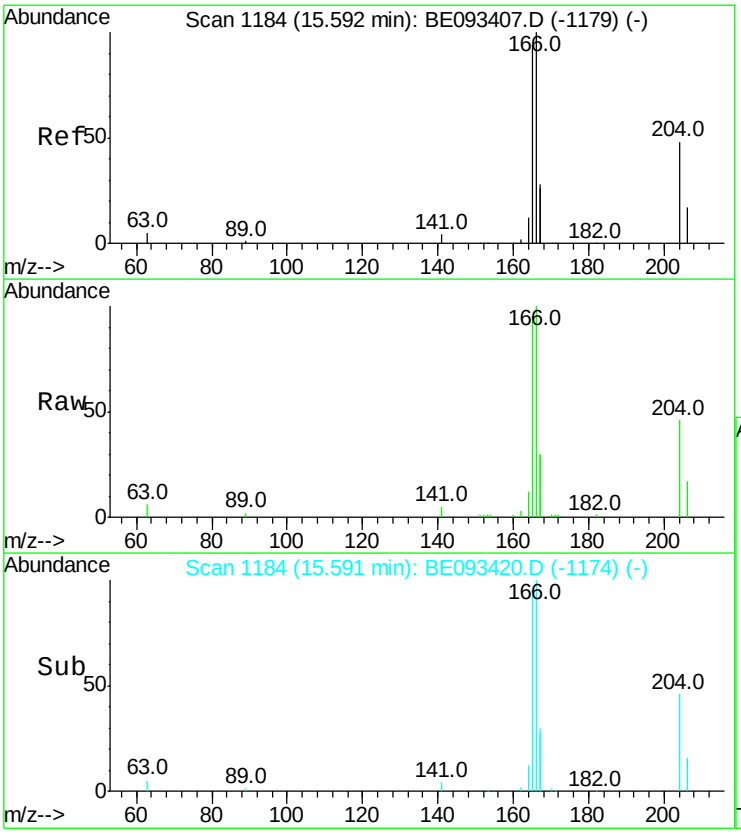

#17
Acenaphthene
Concen: 0.38 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:154 Resp: 10157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 91.2 | 136.8 |
| 152 | 55.7 | 44.8 | 67.2 |

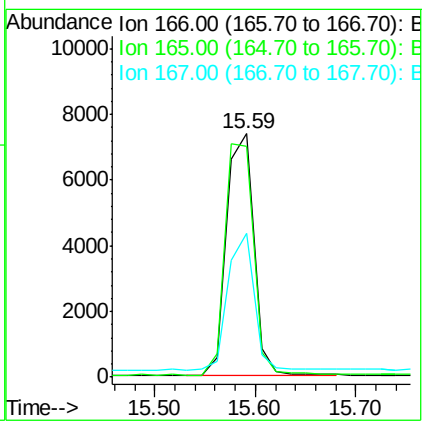


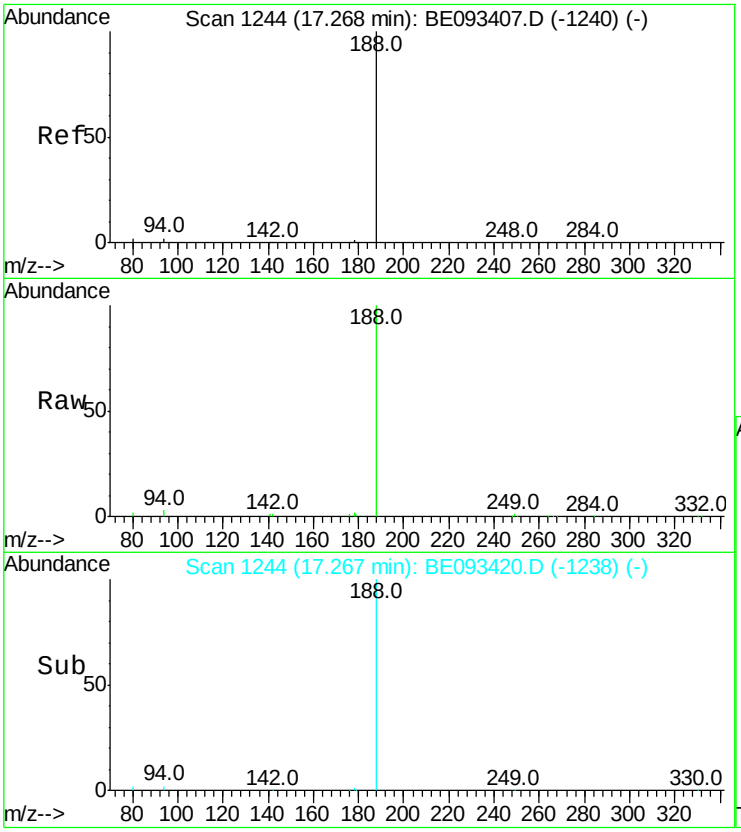




#18
Fluorene
Concen: 0.38 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:166 Resp: 13835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 78.6 | 117.8 |
| 167 | 54.3 | 11.1 | 16.7# |



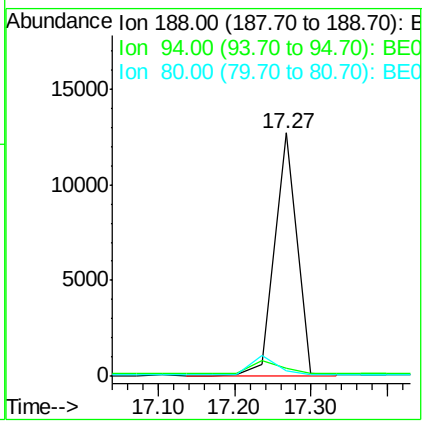


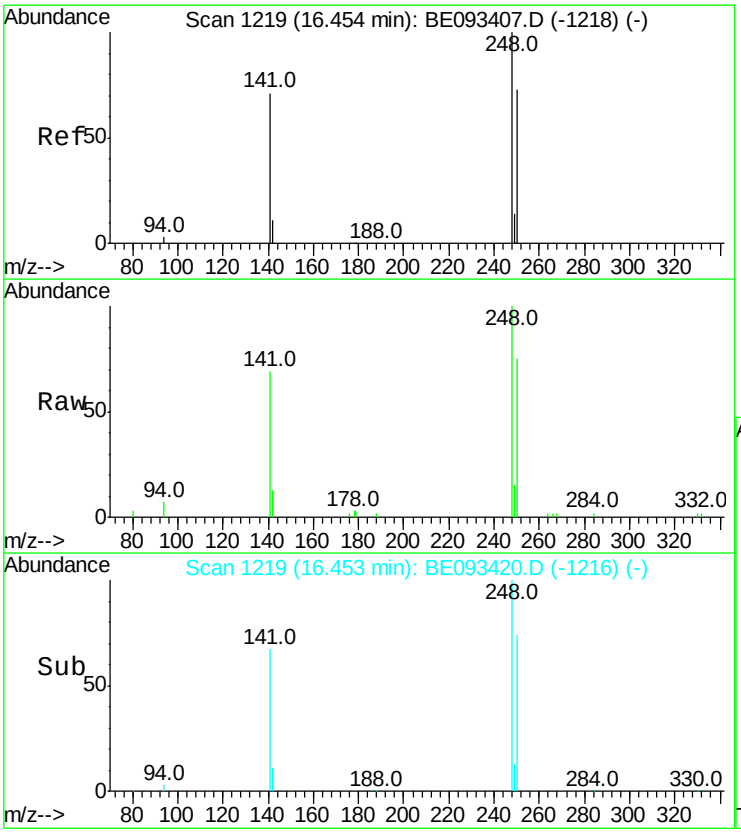

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:188 Resp: 26093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 3.2 | 11.3 | 16.9# |
| 80 | 2.4 | 11.7 | 17.5# |

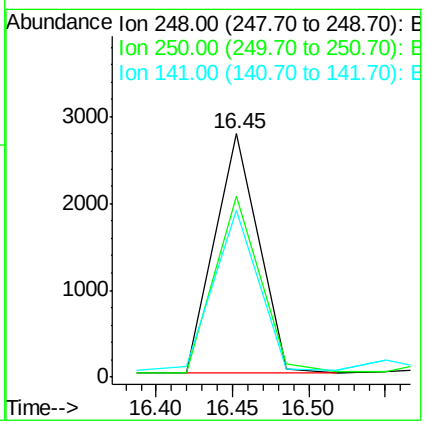


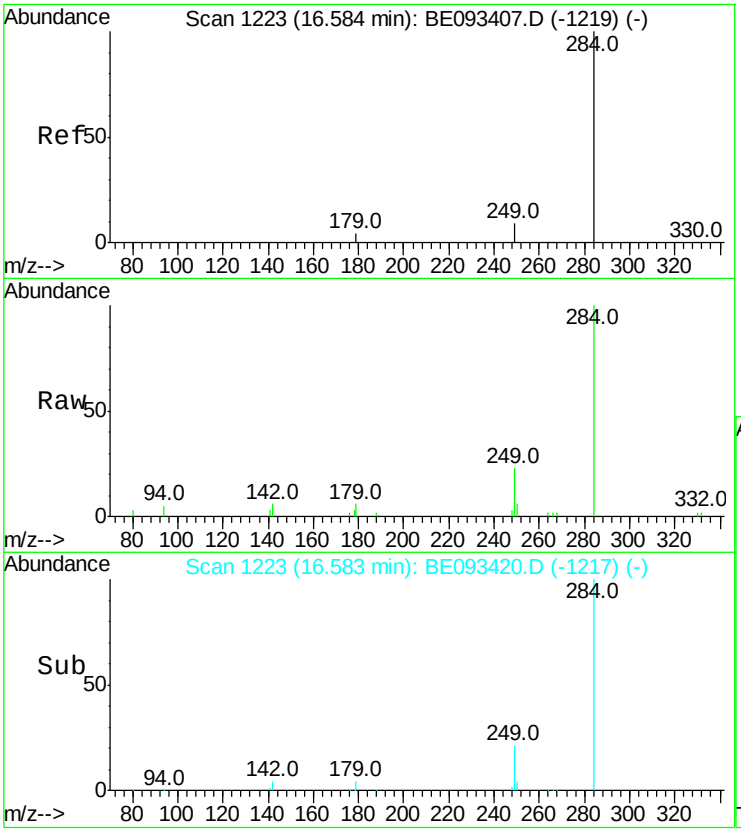




#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:248 Resp: 5494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 74.5 | 40.8 | 61.2# |
| 141 | 68.7 | 161.6 | 242.4# |



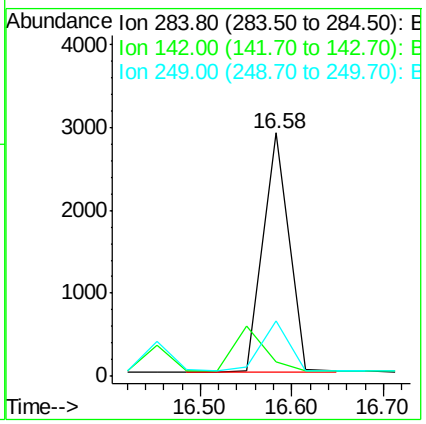


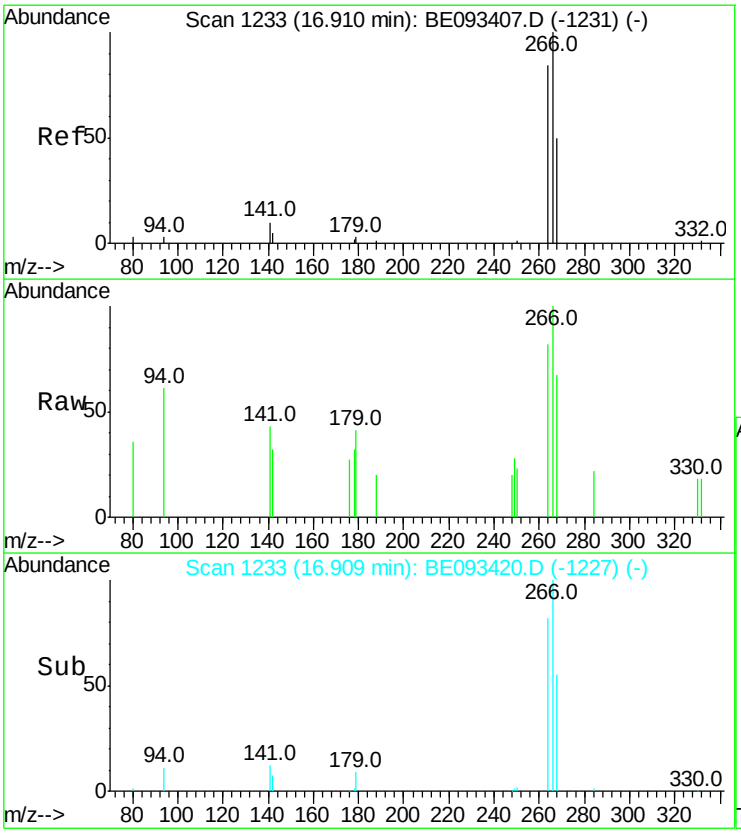

#21
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:284 Resp: 5697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 0.0 | 0.0 |
| 249 | 22.2 | 0.0 | 0.0# |

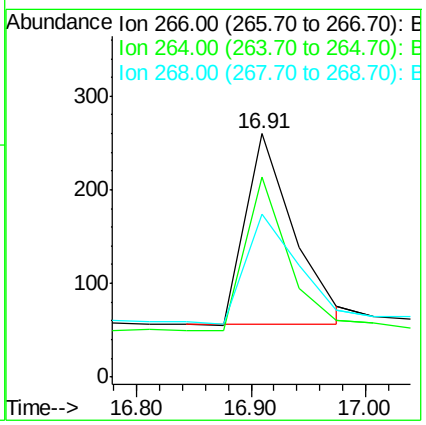


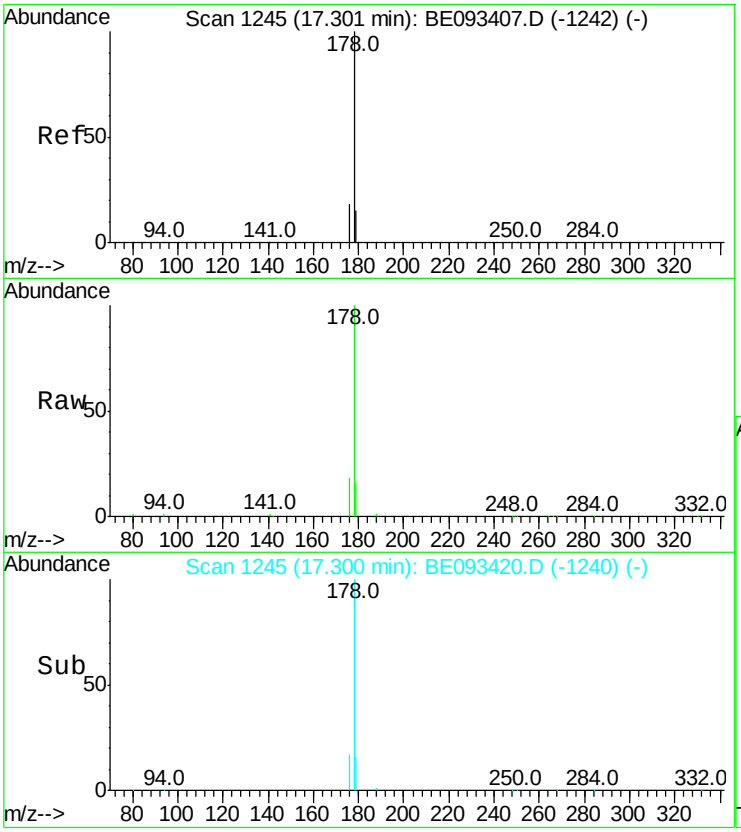




#22
Pentachlorophenol
Concen: 0.29 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:266 Resp: 598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 82.3 | 58.2 | 87.2 |
| 268 | 66.9 | 71.9 | 107.9# |



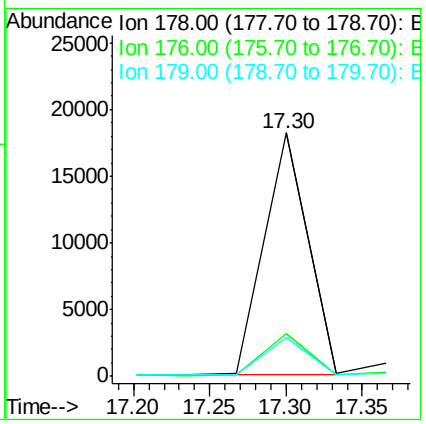


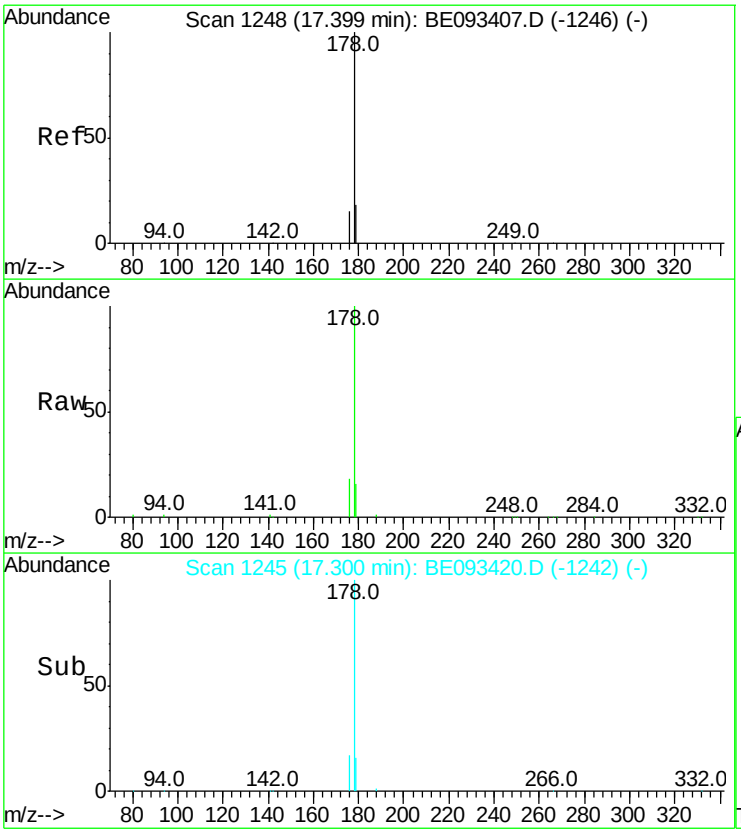

#23
Phenanthrene
Concen: 0.38 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:178 Resp: 36006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.6 | 15.0 | 22.4 |
| 179 | 15.9 | 12.7 | 19.1 |

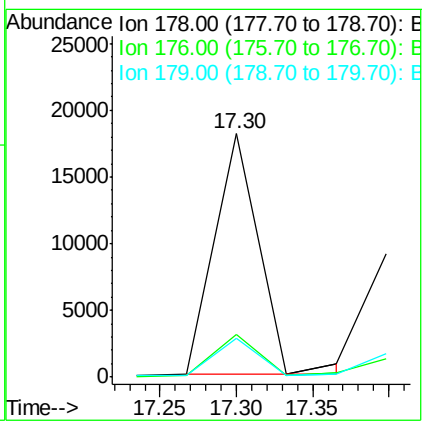


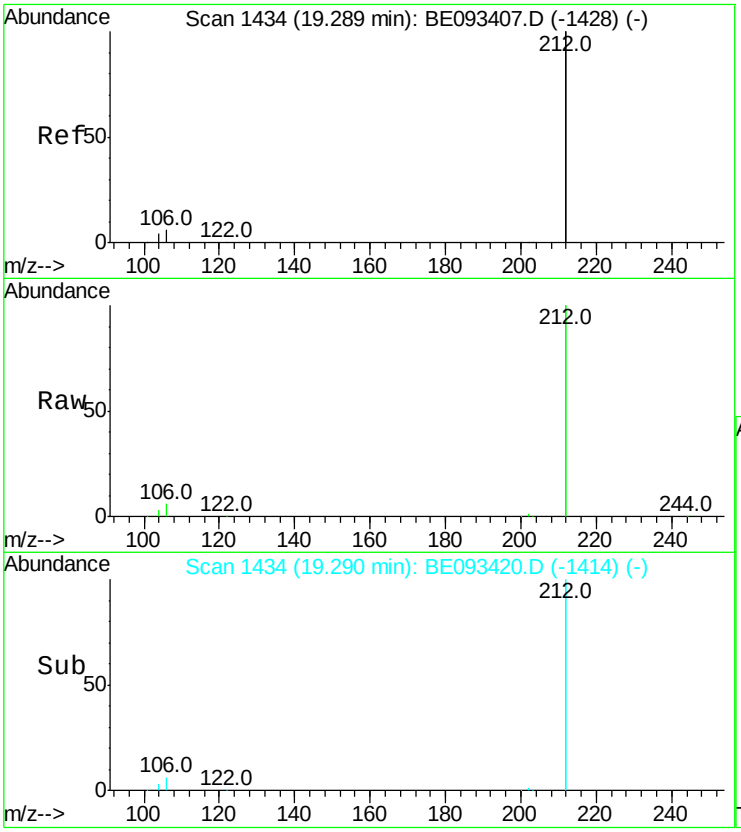




#24
Anthracene
Concen: 0.63 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:178 Resp: 36916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.7 | 14.6 | 22.0 |
| 179 | 15.2 | 12.0 | 18.0 |



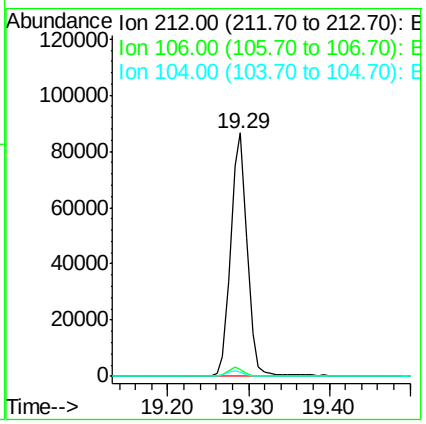


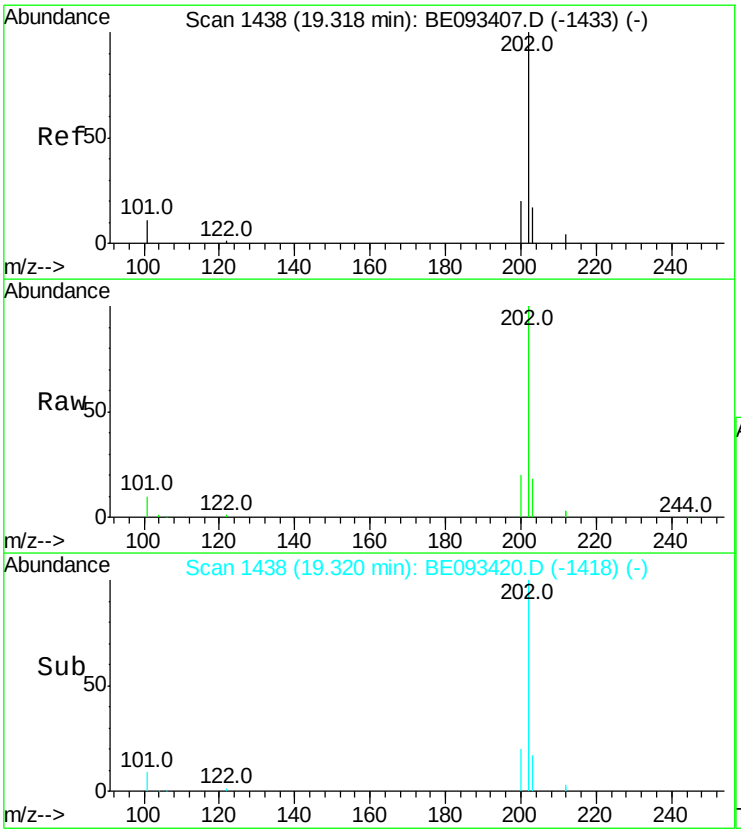

#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:212 Resp: 121855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.6 | 2.4 | 3.6 |
| 104 | 2.0 | 1.6 | 2.4 |

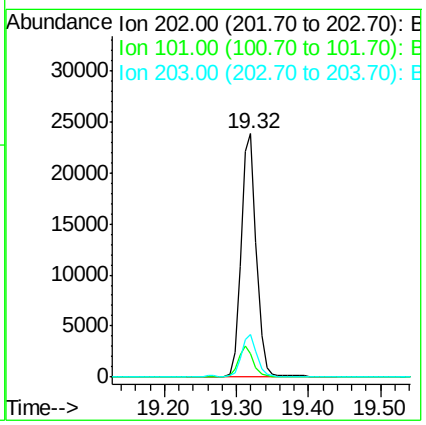


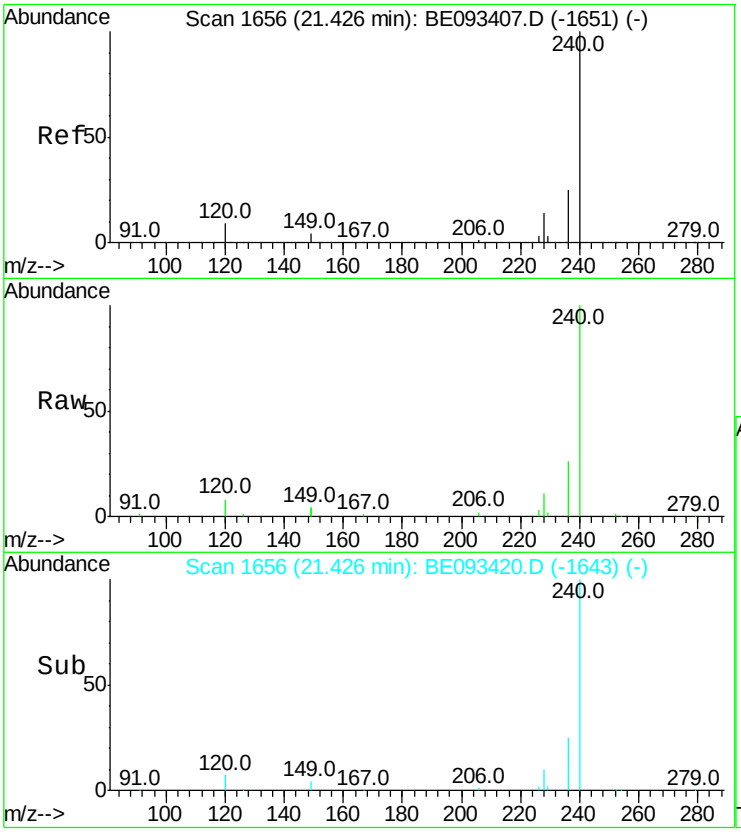




#26
Fluoranthene
Concen: 0.39 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:202 Resp: 34823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 9.6 | 14.4 |
| 203 | 16.8 | 14.4 | 21.6 |



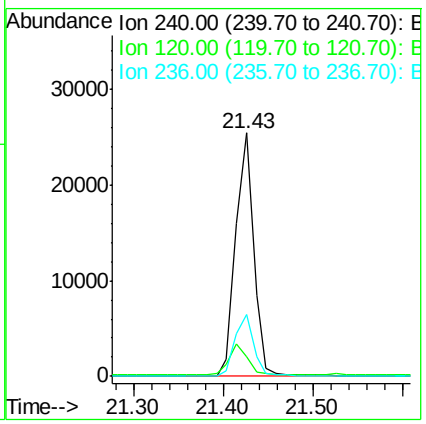


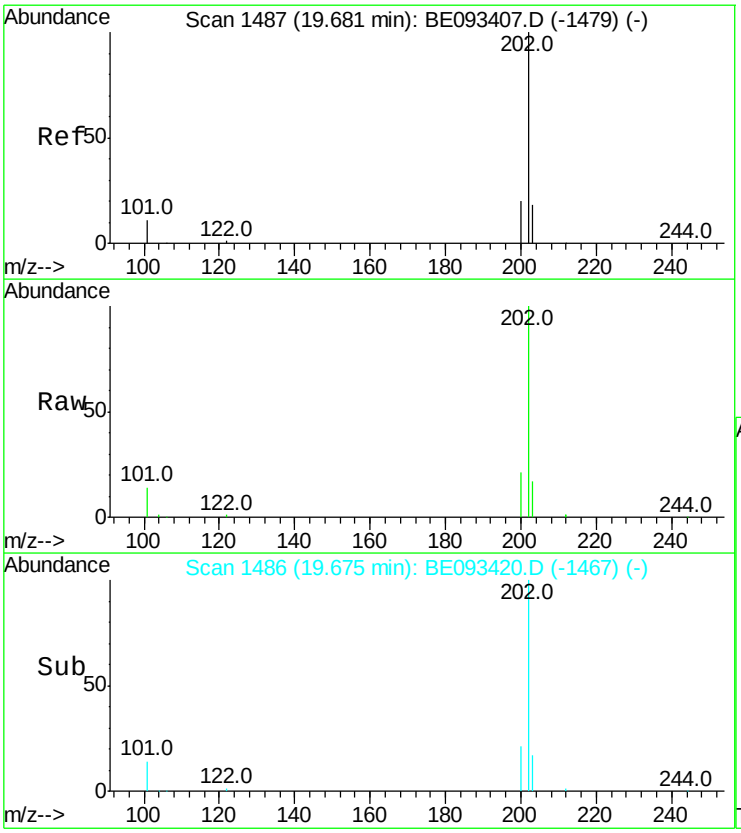

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:240 Resp: 35422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.1 | 4.6 | 7.0# |
| 236 | 25.6 | 20.8 | 31.2 |

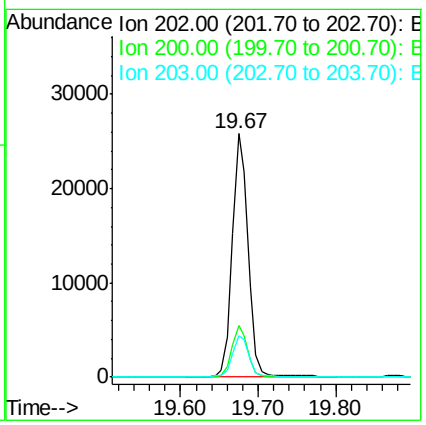


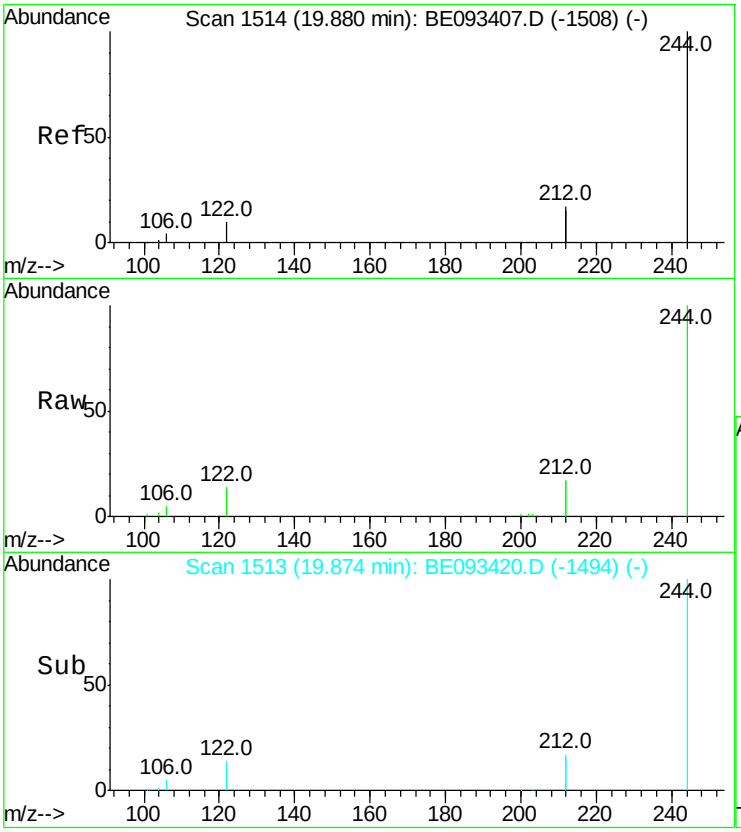




#28
Pyrene
Concen: 0.36 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:202 Resp: 36022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 0.0 | 0.0# |
| 203 | 17.3 | 13.7 | 20.5 |



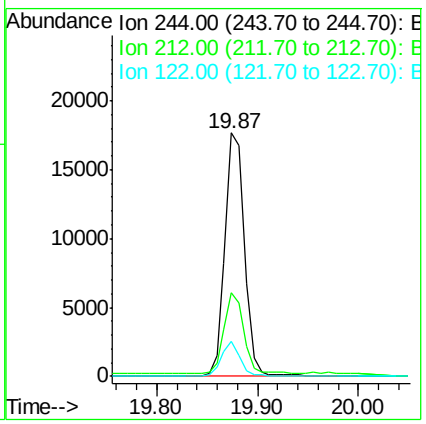


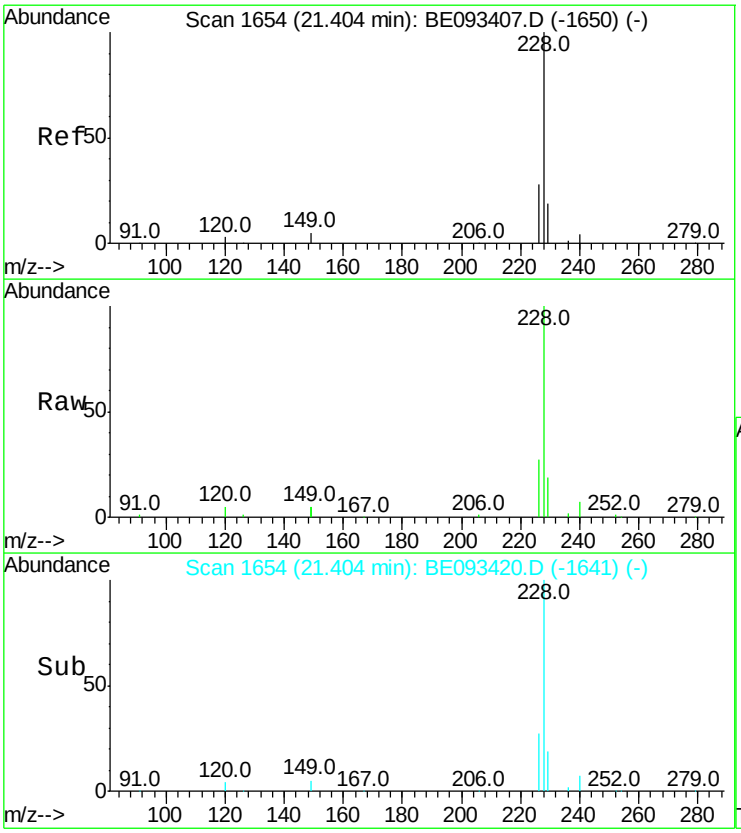

#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:244 Resp: 23387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 34.2 | 10.6 | 16.0# |
| 122 | 14.1 | 15.4 | 23.0# |

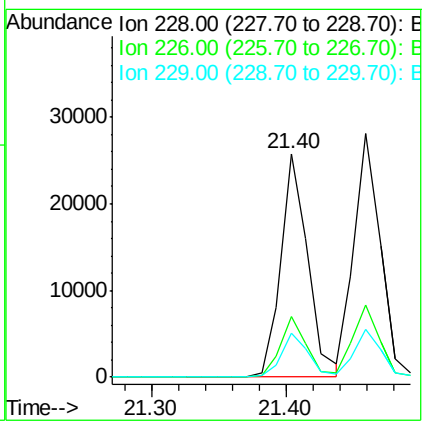


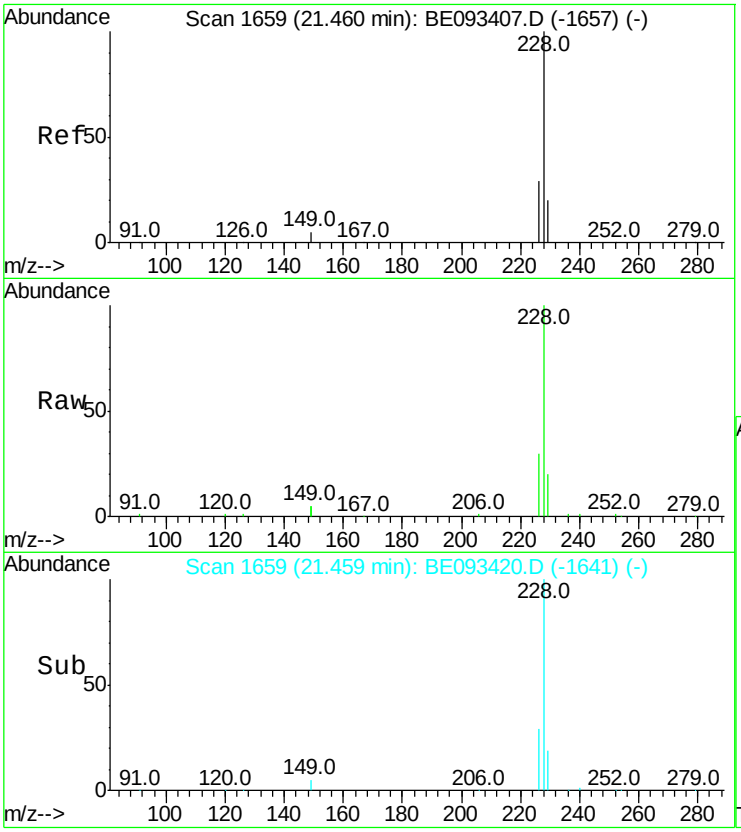




#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:228 Resp: 36193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 19.7 | 29.5 |
| 229 | 19.4 | 19.2 | 28.8 |



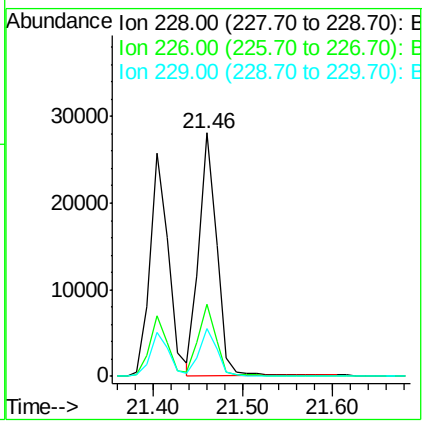


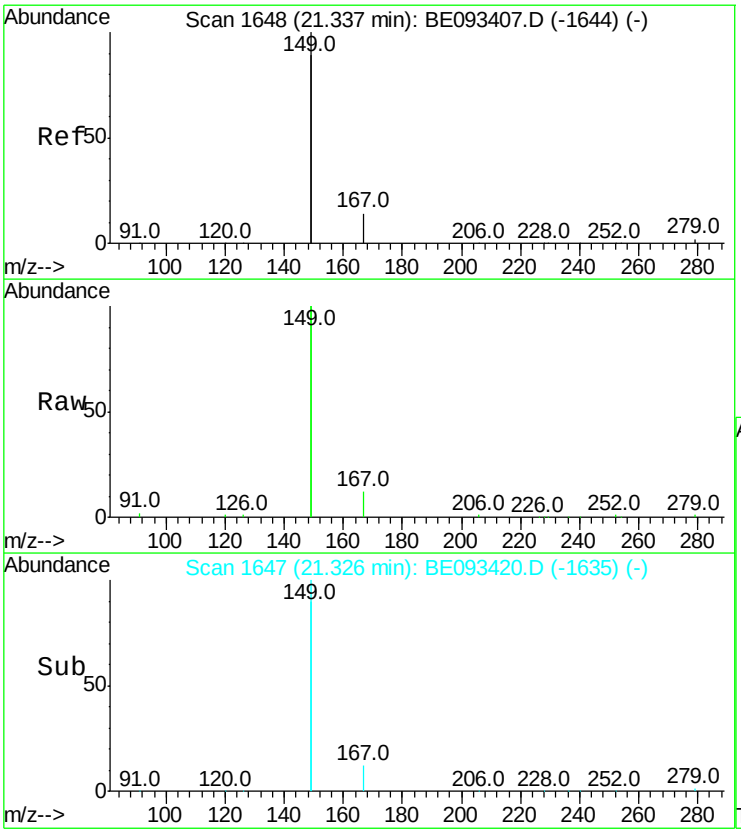

#31
Chrysene
Concen: 0.39 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 38699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 21.5 | 32.3 |
| 229 | 19.6 | 18.6 | 28.0 |

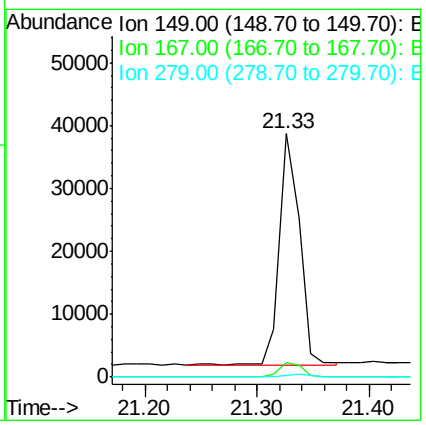


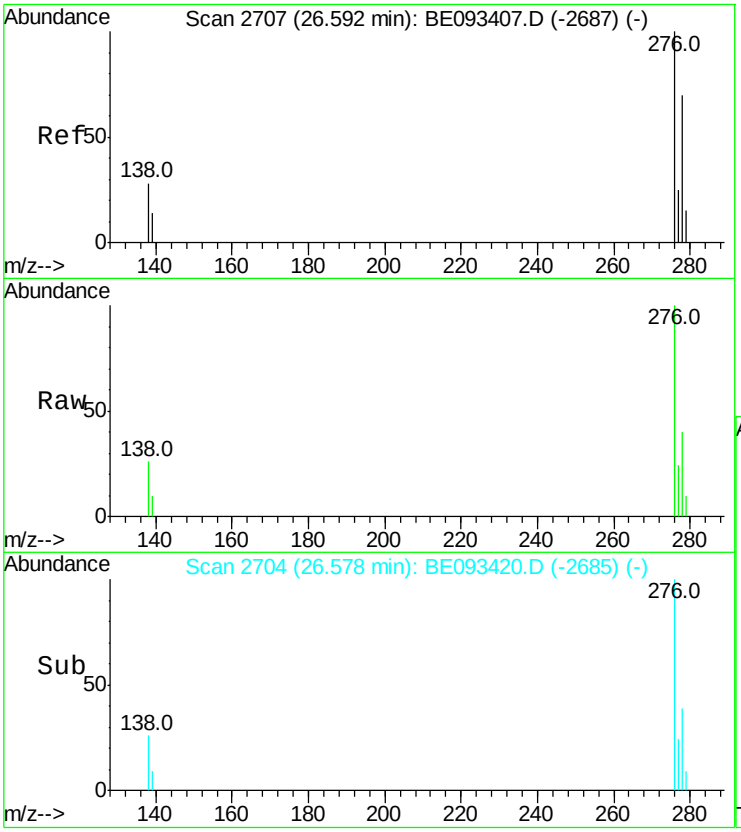




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:149 Resp: 46067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.6 | 20.1 | 30.1# |
| 279 | 0.9 | 2.2 | 3.4# |



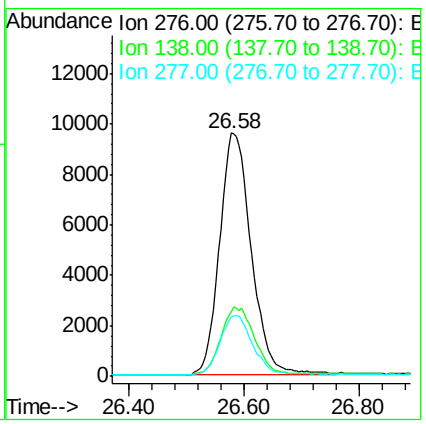


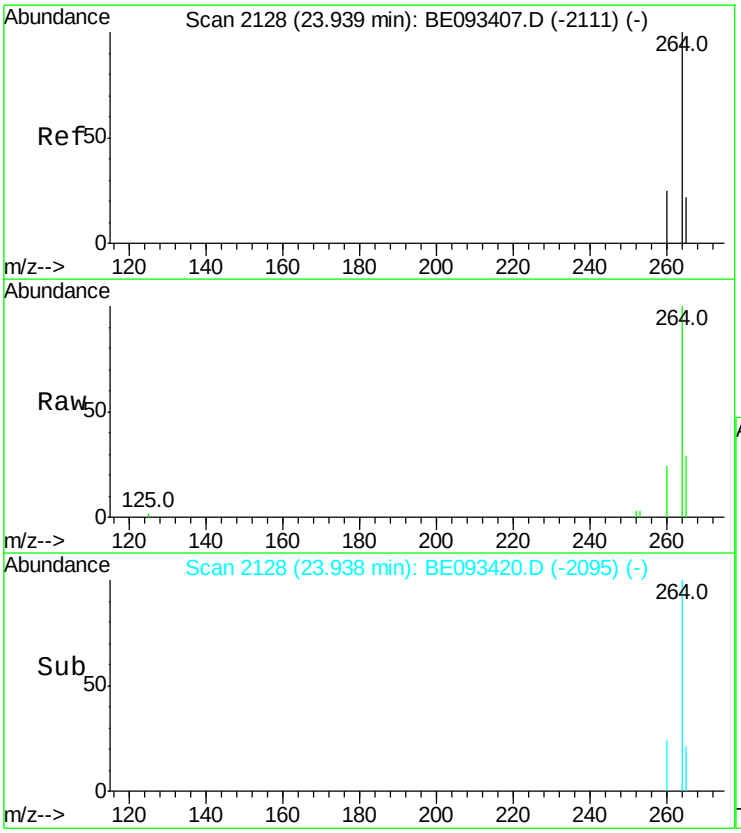

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.58 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 37094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.4 | 27.4 | 41.2 |
| 277 | 24.7 | 20.1 | 30.1 |

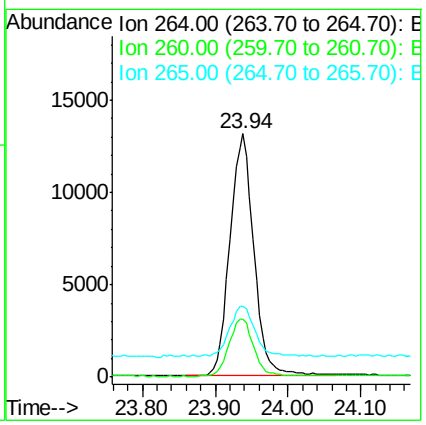


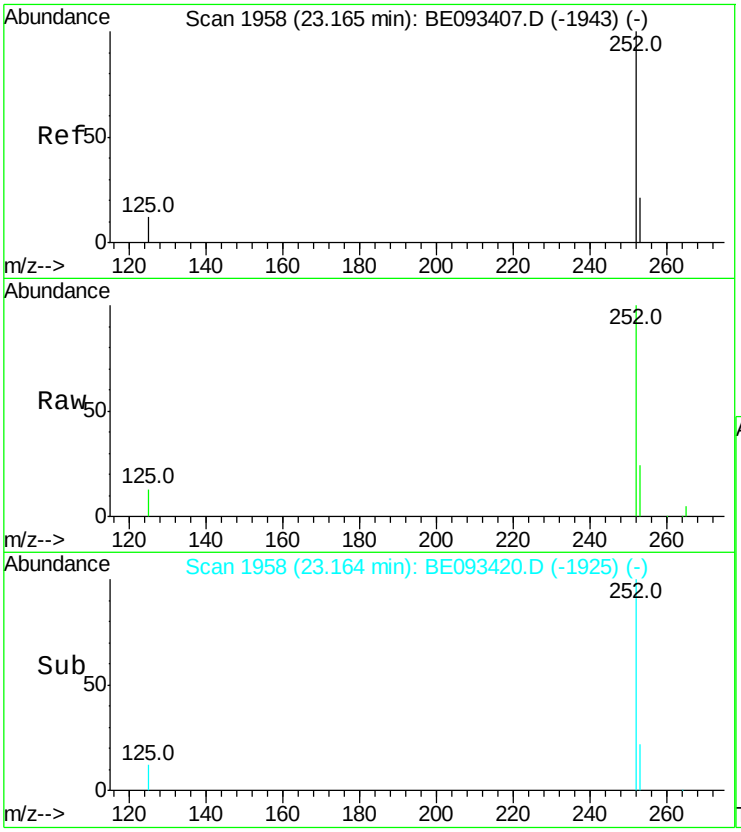




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:264 Resp: 30309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 21.0 | 31.4 |
| 265 | 29.2 | 24.6 | 36.8 |



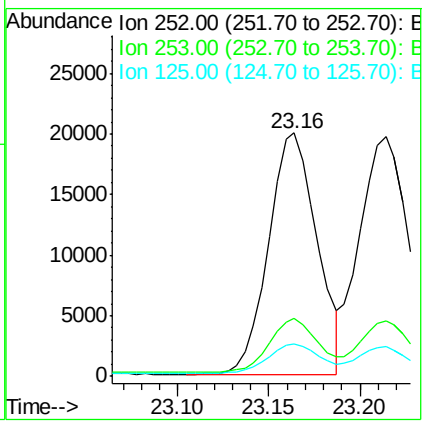


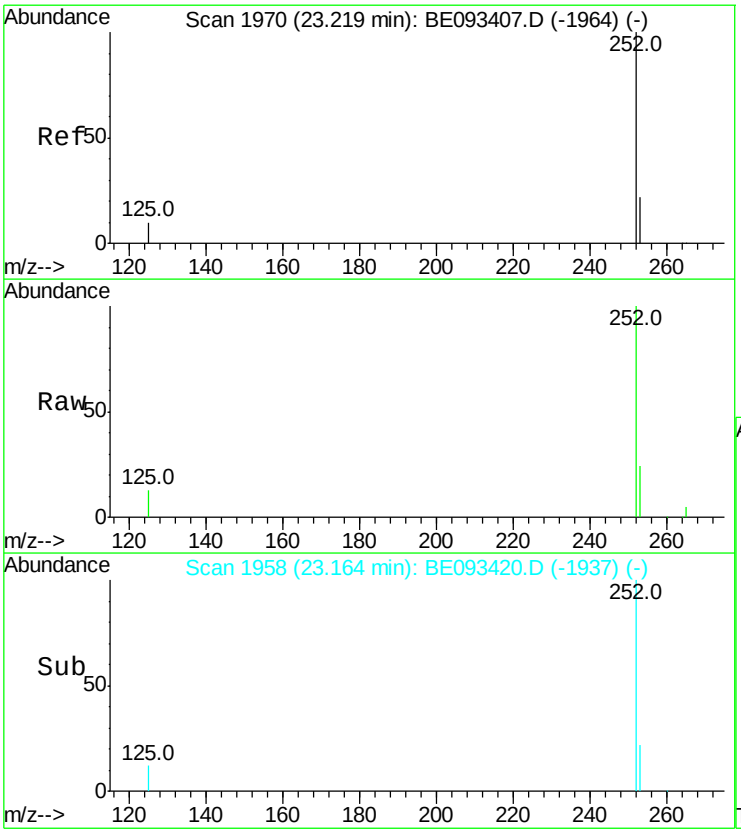

#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 36739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 18.5 | 27.7 |
| 125 | 13.3 | 13.4 | 20.0# |

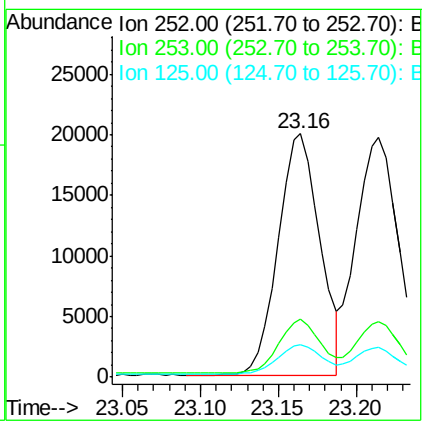


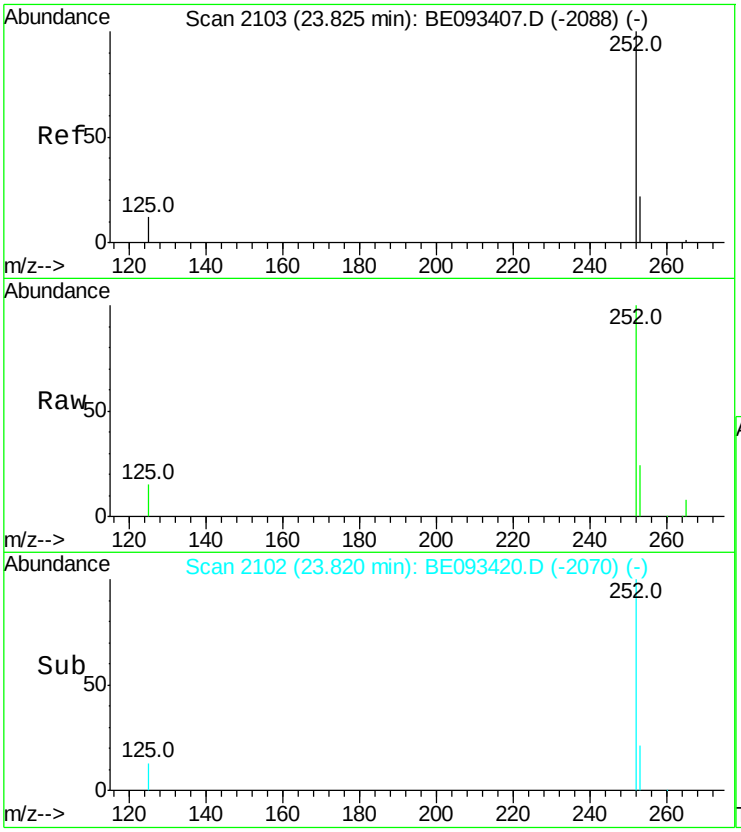




#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.06 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:252 Resp: 36758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 20.3 | 30.5 |
| 125 | 13.3 | 12.2 | 18.4 |



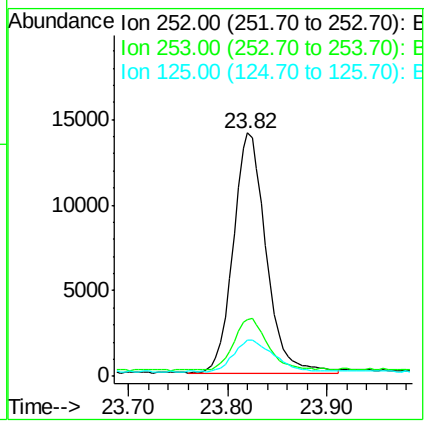


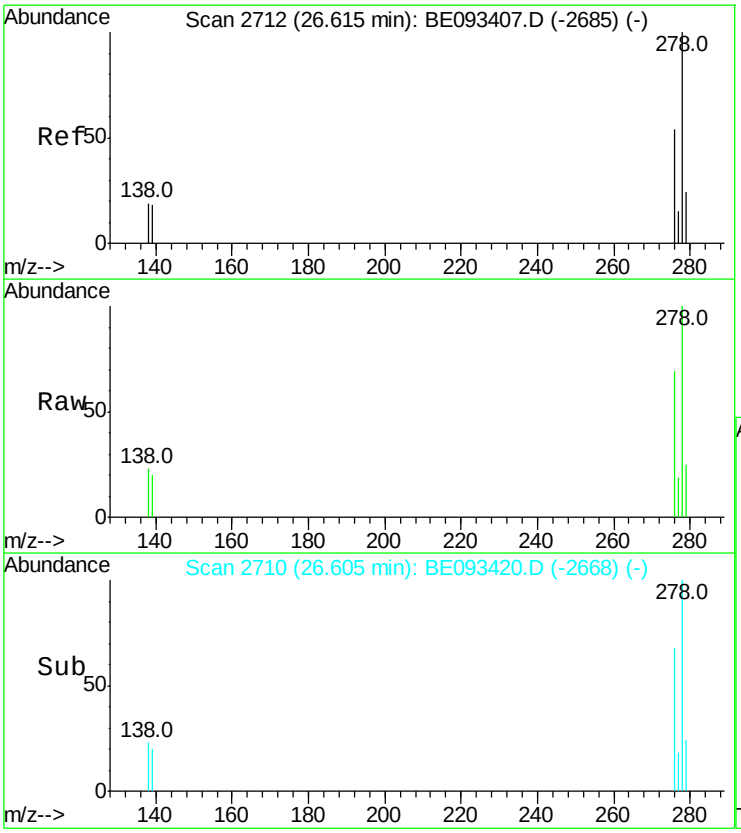

#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 32298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 19.9 | 29.9 |
| 125 | 14.7 | 14.6 | 21.8 |

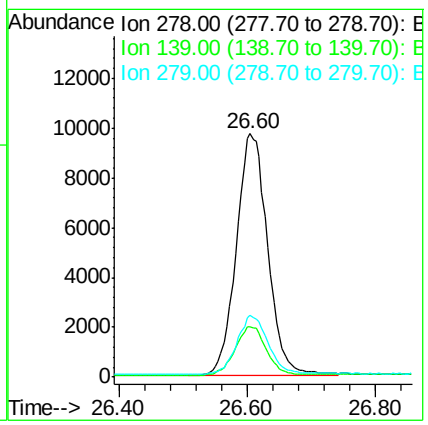


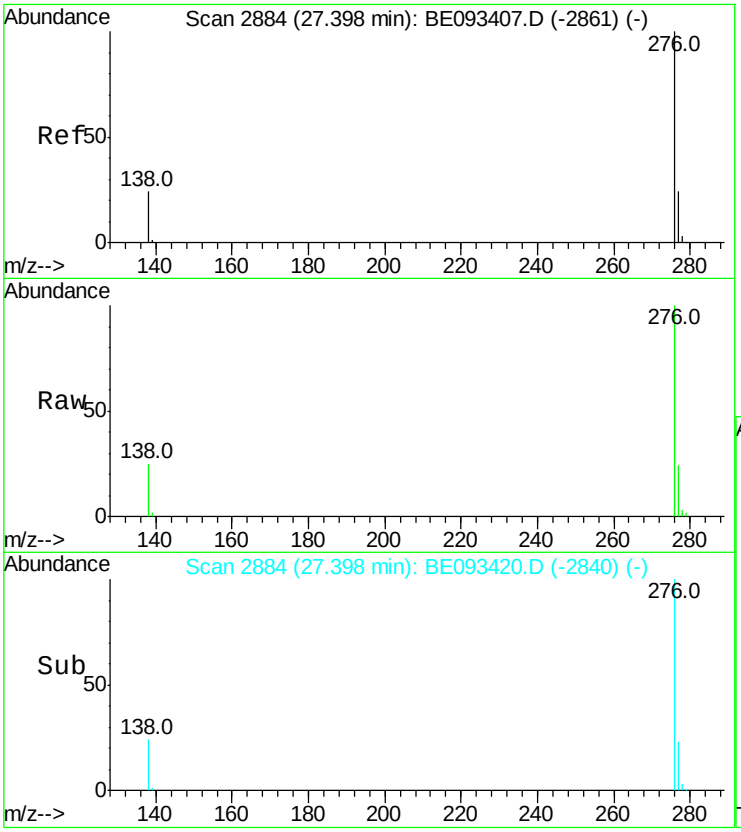




#38
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.60 min Scan# 2710
Delta R.T. -0.01 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

Tgt Ion:278 Resp: 33128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.5 | 21.4 | 32.0# |
| 279 | 25.2 | 22.2 | 33.2 |






#39
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.40 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BE093420.D
Acq: 3 Jul 2017 9:18

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:276 Resp: 33354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 21.2 | 31.8 |
| 138 | 24.7 | 24.5 | 36.7 |